

Lancaster Farming

VOL. 16 NO. 50

Lancaster Farming, Saturday, November 6, 1971

\$2.00 Per Year

2 Holstein Barn Meetings Set

The Lancaster County Holstein Breeders Association will hold two barn meetings, November 15 and 16.

The educational meetings include an explanation of animal classification and how it applies to particular animals.

The meeting at 7:30 p.m. Monday, November 15 will be held at the Winding Glenn Farm owned by John C. Metzler two miles south of Christiana on Noble Road.

The meeting at 7:30 p.m. Tuesday, November 16 will be

held at Trout Spring Farm owned by John E. Kreider on Willow Road east of Lancaster.

The Association has asked its members to attend one of these meetings and bring an interested neighbor or friend. Refreshments will be served.

The meeting committee is John M. Harnish, Albert Frey and Vernon Umble.

Keystone Will Feature Barnyard Babies Show

A barnyard babies exhibit has been arranged as a special feature for children at the 15th annual Keystone International Livestock Exposition opening at the Farm Show Building today (November 6).

The barnyard babies exhibit opens Sunday, November 7, and continues through Thursday, November 11, from 8:30 a.m. to about 4 p.m., according to State Secretary of Agriculture Jim McHale.

Youngsters in school and family groups are expected to visit the exhibit to see: a beef cow and calf, a sow and litter of piglets, an ewe and lambs, a nanny goat and kid, puppies, kittens, rabbits and hatching eggs. Miniature horses and an animal representing a cross between a zebra and an Arabian horse also will be on display.

Conducted tours will be held so that children can see some of the 4,011 entries in the big show. They include: 1,240 head of sheep, representing 14 different breeds; 892 swine, representing seven breeds; 893 head of beef cattle, representing five breeds and 993 horses and ponies, representing four breeds.

Tours for schools may be scheduled by calling Tom Kelly, show manager, at (717) 787-2905.

Admission is free and there will be plenty of free parking available during the exposition which continues through Saturday, Nov. 13.

Chester Co. Farmers Assn. Votes Hershey President

The Chester County Farmers' Association recently elected Arthur D. Hershey, Cochranville, president for the coming year.

Other officers elected at this meeting were: Robert Yeatman, West Grove, vice president, and Nathan G. King, Lincoln University, secretary-treasurer.

S. Horace Mowrer, Spring City, was the only new director elected at the Fall Policy Meeting which was held at the East Brandywine Fire Hall, Gunthriessville, in October.

Reelected were: Richard Barnard, Kennett Square; John C. McCausland, Downingtown; and Carroll Pratt, Avondale.

Other members of the board are: Charles Gable, Elverson, Dwight Rath, Wawa, Paul Sands, Coatesville, H. Lee Brown, Oxford, and Al Bartels, West Grove.



Chatting at the annual FLBA and PCA meeting Thursday are: left to right, Carl A. Brown, manager, and Mr. and Mrs. J. Howard Settle. Settle, vice president, and

treasurer of the Federal Land Bank of Baltimore and the Federal Intermediate Bank, was speaker.

FLBA and PCA Hold Annual Meeting

The annual meeting of the Federal Land Bank Association (FLBA) and Production Credit Association (PCA) was held Thursday at the Plain and Fancy Restaurant, Bird-in-Hand.

Jacob N. Smith, FLBA president, reported that loans were up \$2.5 million in the past year and John J. Long, PCA president, reported loans up \$3.5 million and about double in the past five years. Each of the organizations reported total loans of about \$16.5 million.

Carl A. Brown, manager, reported plans to add three offices and a board room on the east end of the present credit building in Lancaster.

The Lebanon office, which handles about 25 per cent of the business, may be relocated, he said.

He explained that the work load stemming from the increased loan volume is making the additional space necessary.

Looking ahead, Brown projected that when the present national price freeze ends, there will probably be pressure for interest rates to go up again. His office will try to withstand the pressure and maintain present interest rates which have been considerably lower than a year ago, he said.

John Jacob Oberholtzer, the nominating committee chairman, presented the slate of nominees. From among six nominees, the following three directors were reelected for three year terms:

John J. Long, Peach Bottom RD1, who has been PCA president; John H. Gible, Myerstown RD2, who has been PCA vice president; and Paul M. Herr, Quarryville RD1, FLBA director.

Speaker was J. Howard Settle, vice president and treasurer of the Federal Land Bank of Baltimore and the Federal Intermediate Credit Bank. Settle gave what he described as an over simplified explanation of the present national economic program.

He said the key points of the president's economic policy are: strong economic incentive for industry, a major effort to cut inflation, and moves to help the dollar internationally.

He said the action stemmed largely from the international payment situation. The U.S. had enjoyed a good balance of trade for many years, but this trade balance deteriorated rapidly in the past nine months.

Settle said the impact of the policies on farming will be difficult to anticipate. He noted that farming has been one of the few areas of the economy con-

tributing positively to the trade balance; farm exports have been rising.

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Also see other local and farm features throughout, including "Across the Editor's Desk" on page 17; local bulls enter ABS sire program on page 7; national sheep producers promote lamb dishes and "action fabrics" on page 9; NFO tries protein milk pricing on 8, Eastern Cooperative says "no" to milk referendum on 16, and USDA analyzes growing farm waste problem and evaluates some solutions on page 12

Conservation District Makes Slide Narration

The Lancaster County Soil and Water Conservation District has announced plans to make a slide narration entitled "America the Beautiful" available to county schools.

The presentation, geared to elementary school children, was worked up by Henry Hackman and his wife. Six copies will be made, five will be placed in schools and the sixth will be kept at the district office (interested persons should call 299-5361).

Elsewhere, it was noted Robert G. Brubaker, Elizabethtown RD3, was appointed by the county commissioners to fill the unexpired term of Hackman on the Conservation District board. Hackman was employed part-time by the board.



Arthur D. Hershey
Chester Farmers President

Farm Calendar

Saturday, November 6

Keystone International Livestock Exposition, Farm Show Building, Harrisburg, November 6 - 13.

Sunday, November 7

Pennsylvania Young Farmers-Week November 7 - 13.

Pennsylvania Farmers' Association annual convention, November 7 - 10.

Monday, November 8

8 p.m. — Lancaster County Poultry Association board of directors meeting, Farm and Home Center.

Fulton Junior Grange meeting.

Tuesday, November 9

6:45 p.m. — Lancaster County Holstein annual meeting and banquet, Farm and Home Center.

7:30 p.m. — Manor Young Farmers animal nutrition course, vo ag room, Penn Manor High School.

7:30 p.m. — Ephrata Young Farmers herd management course, vo ag department, Ephrata High School.

Garden Spot Young Farmers small grains course, vo ag department, Garden Spot High School.

Wednesday, November 10

9:30 a.m. - 4:30 p.m. — Pennsylvania Poultry Waste Disposal Seminar, Farm and Home Center.

7:30 p.m. — Panel by Legislators on "What is Happening at Harrisburg", Farm and Home Center.

State Young Farmers Convention, Treadway Inn, Lebanon, November 10 - 11.

Thursday, November 11

7 p.m. — Lancaster County Chamber of Commerce 11th annual Agriculture-Industry Banquet, Farm and Home Center.

7:30 p.m. — Manor Young Farmers animal nutrition course, vo ag room, Penn Manor High School.

Penn State Geranium School, Holiday Inn, King of Prussia.

Friday, November 12

7 p.m. — Pennsylvania Egg Marketing Association meeting, Sheraton Motel, Lancaster.

7 p.m. — Pequea Valley Local, Eastern Milk Producers Association banquet, Bird-in-Hand Motor Inn.

Saturday, November 13

Eastern National Livestock Show, Timonium, Md.

Local Livestock Market, Auction News

Lancaster Auction

Wednesday, November 3
Cattle Calves Hogs Sheep

Today	594	144	284	124
Last week	1010	96	292	46
Last year	653	158	416	20
This weeks				
Auction	442	154	261	112
Last weeks				
Auction	594	96	297	63

CATTLE — Slaughter Steers 25 to mostly 50 higher, Cows about steady, Bulls steady on small supply

SLAUGHTER STEERS — Choice 950-1350 lbs. 34.25-35.75, including few mixed-Choice and Prime 1100-1200 lbs. 35.35-35.75, high-Good and low-Choice 33.00-34.35, Good 30.50-33.25, Standard and low-Good 28.50-29.25

COWS — Utility and high-dressing Cutter 21.25-22.50, few 22.85-23.25; Cutter 20.00-21.75.

BULLS — Choice 29.50-30.25, couple 31.75-32.60; Good 27.25-29.25, Utility and Commercial 26.75-29.75.

VEAL CALVES — Vealers steady to weak.

VEALERS — Choice 50.00-52.00, few 52.50-54.00; Good 45.00-50.00; Standard 39.00-45.00; Utility 34.00-39.00; Cull 25.00-33.00

HOGS — Barrows and Gilts steady, instance 25 lower

BARROWS AND GILTS — US 1 210-240 lbs. 21.50-21.75; US 2-3 195-245 lbs. 20.10-20.60.

SHEEP — Woolled Lambs mostly steady.

WOOLED LAMBS — Choice 70-85 lbs. 27.00-28.00; Good 25.50-27.00

New Holland Horse Auction

Monday, November 1

Reported receipts of 268 head of horses; market steady with last weeks market.

Load Oklahoma riding horses, 85 - 225.

Load Kentucky saddlebred horses, 165 - 625.

Load Delaware driving horses, 75 - 320.

Locally consigned work horses, 130 - 200, riding horses, 80 - 165, driving horses, 75 - 225; few better horses, 225 - 280.

Mare ponies, 5 - 20; Geldings, 5 - 15, Colts, 5 - 10, Larger ponies, 35 - 55, Killers, 4 - 5

Green Dragon



Livestock Sales

Ephrata, R. D. 3, Pa.

Walter Risser, Manager

Phone: (717) 733-2334

Every FRIDAY

- Dairy Cows 12:30 P.M.
- Hay & Straw Auction 1:00 P.M.
- Beef Cattle & Veal Calves 11:00 A.M.

Lancaster Market

Monday, November 1

Today	1123	297	1031	173
Last week	929	270	687	290
Last year	966	272	896	309

CATTLE — Compared to last week's close, Slaughter Steers mostly steady, Cows steady to 25 higher, Bulls 50-75 lower. Supply included 322 in auction

SLAUGHTER STEERS — Choice 950-1275 lbs. 33.75-34.75, high-Good and low-Choice 33.00-33.75, Good 30.00-33.00; Standard and low-Good 28.00-29.50

COWS — Utility and high-dressing Cutter 21.50-22.50, few 22.85-23.60; Cutter 20.00-22.00; Canner and low-Cutter 18.00-20.00

BULLS — Choice 29.00-30.50, few 30.50-31.50, Good 27.00-29.00; Utility and Commercial 27.00-29.25, few 29.50-30.00; Cutter and low-Utility 24.75-26.75.

VEAL CALVES — Vealers mostly steady, Slaughter Calves fully steady

VEALERS — Choice 50.00-53.00, few 54.00; Good 46.00-50.00; Standard 40.00-46.00; Utility 34.00-40.00; Cull 90-120 lbs. 30.00-35.00, 65-85 lbs. 25.00-30.00.

SLAUGHTER CALVES — Good and Choice 270-350 lbs. 31.00-36.00; Standard 250-370 lbs. 27.00-31.00.

HOGS — Barrows and Gilts mostly steady.

BARROWS AND GILTS — US 1 200-235 lbs. 21.50-22.00; US 1-2 200-240 lbs. 21.00-21.25; US 2-3 195-260 lbs. 20.25-20.75.

SHEEP — Woolled Lambs strong to 50 higher; Ewes about steady.

WOOLED LAMBS — Choice 65-95 lbs. 27.00-28.50, few lots 29.00; Good 24.00-27.00.

SLAUGHTER EWES — Utility and Good 4.00-8.00.

New Holland Dairy Cattle

Wednesday, November 3

Reported receipts of 108 head of cattle, 10 heifers; market steady with last weeks market.

Load Canadian cows, springers, 360 - 495.

Load Vermont cows, fresh, 430 - 600

Load Canadian cows, springers, 265 - 495.

Load Canadian and Susquehanna County cows, fresh, 460 - 780; springers, 440 - 750.

Load Franklin County cows, fresh, 460 - 710; springers, 520 - 700.

Load cows, mostly fresh, 245 - 460.

Heifers, 170 - 455.

Composite Report

Friday Weekly, November 4
Lancaster, Vintage, and New Holland Markets.

	Cattle Calves
This week	4400 1600
Last week	5650 1565
Last year	4233 1445

CATTLE — Slaughter Steers 25-75 higher, instances 1.00 higher on late sales of Choice; Cows uneven, Utility steady, instances 25 lower, Canner and Cutter 25-50 higher; Bulls 25-50 higher, instances 1.00 higher on Utility and Commercial over 1200 lbs. Supply included an estimated 25 percent Slaughter Steers, 10 percent bulls, 25 percent Cows, with the balance mainly Feeder Steers.

SLAUGHTER STEERS — High-Choice and Prime 35.50-36.75, eight head Choice yield grade 2 37.00-37.85; Choice 950-1300 lbs. 33.75-36.25; high-Good and low-Choice 33.00-34.50; Good 29.75-34.00; Standard and low-Good 26.50-30.00.

SLAUGHTER HEIFERS — Choice 820-1050 lbs. 29.75-32.50; Good 26.00-29.50.

COWS — Utility and high-dressing Cutter 21.00-23.00, few 23.00-23.85; Cutter 20.00-22.00; Canner and low-Cutter 17.75-20.00.

BULLS — Choice 29.50-32.25, few head 32.50-34.25; Good 27.25-29.50; Utility and Commercial 27.50-30.25, few 1300-2,100 lbs. 32.25-33.75, some early sales Utility 1000-1250 lbs. 26.75-27.50.

VEAL CALVES — Vealers mostly steady; Calves returned to farm 1.00-3.00 lower, with demand for Holstein Heifers greatly reduced and these selling off as much as 10.00.

VEALERS — Choice 50.00-55.00, few 55.00-57.50; Good 45.00-50.00; Standard 39.00-45.00; Utility 33.00-39.00; Cull 25.00-33.00.

CALVES RETURNED TO FARM — Bulk 90-120 lbs. 34.00-42.00, few mainly Holstein Heifers 44.00-49.00.

Oklahoma City

Thursday, November 4

Estimated Receipts	11,000
Same day last week	13,617
Same day last year	12,113

Active, compared to last Thursday, feeder cattle and calves mostly 50c to 1.00 higher; all weights and grades in broad demand; majority receipts Average Good to High Choice 300-650 lb. offerings; fairly large attendance buyers.

Sales as of 1 p.m.

Feeder Steers: Choice, few Prime 300-400 lb. 41.00-48.00; 400-500 lb. 39.50-43.00, few 411-423 lb. 44.25-45.00; 500-600 lb. 37.00-40.00, few 515-525 lb. 40.00-42.10; 600-953 lb. 34.25-37.00, few 600-689 lb.

Vintage Auction

Tuesday, November 2

Today	754	714	365	50
Last week	938	728	718	49
Last year	750	531	380	35

Goats (Today) 2 (Last week) 36

CATTLE — Compared to last Tuesday, Slaughter Steers 25-50 higher; Cows steady to 50 lower, most decline on Utility; Bulls mostly steady. Supply included 37 percent Cows

SLAUGHTER STEERS — High-Choice and Prime 1050-1250 lbs. 35.35-36.25, few 36.25-36.75, Choice 975-1350 lbs. 33.75-36.00; high-Good and low-Choice 33.00-34.50; Good 29.75-33.25; Standard and low-Good 26.50-29.50.

COWS — Utility and high-dressing Cutter 21.00-22.50, few 22.50-23.50; Cutter 19.75-22.00; Canner and low-Cutter 17.75-19.75.

BULLS — Choice 29.25-30.50, few 31.00-31.85; Good 27.50-29.50; Utility and Commercial 27.00-29.85, couple 33.00-33.75.

VEAL CALVES — Vealers steady, instances 1.00 higher on Good and Choice; Calves returned to farm 2.00-4.00 lower, instances 10.00 lower on Holstein Heifers.

VEALERS — Choice 50.00-54.00, few 54.50-56.00; Good 44.00-51.00; Standard 39.00-46.00; Utility 34.00-40.00; Cull 90-120 lbs. 29.00-33.00; 65-85 lbs. 22.00-29.00.

CALVES RETURNED TO FARM — Bulk 90-120 lbs. 34.00-42.00, few mainly Holstein Heifers 44.00-49.00.

HOGS — Barrows and Gilts steady to 50 higher.

BARROWS AND GILTS — US 1-2 210-245 lbs. 21.10-21.35; few US 1 200-225 lbs. 21.50-21.85; US 2-3 195-245 lbs. 20.50-21.00; One lot 260 lbs 20.35.

SHEEP — Market not reported.

Fat Hogs and Feeder Pig Sale
Saturday, October 30

HOGS 803: Barrows & Gilts: Few US No. 1-2 200-225 lbs. 21.35-21.60. US No. 2-3 200-245 lbs. 20.50-21.00. US No. 2-4 245-260 lbs. 20.35-20.60. US No. 2-4 155-180 lbs. 16.75-19.10.

Sows: US No. 1-3 315-540 lbs. 16.25-17.00.

Boars: 14.50-15.75.

37.40-38.60; Good and Choice 300-500 lb. 37.00-40.00; 500-600 lb. 34.25-36.50; 600-860 lb. 33.00-35.75; few Good 500-650 lb. 31.50-34.00 and few mostly Good 679-1014 lb. Holstein Steers 28.40-30.00.

Feeder Heifers: Choice, few Prime 300-400 lb. 34.50-39.00, largely 35.00-39.00; few 294-345 lb. 39.70-44.25; 400-500 lb. 33.25-37.50; 500-700 lb. 32.00-36.50, small lot 803 lb. at 32.50; Good and Choice 300-500 lb. 31.25-34.00, few Good to Low Choice 500-625 lb. 28.50-30.75.

New Holland Auction

Thursday, November 4

	Cattle Calves Sheep
Today	814 438 33
Last week	828 507 33
Last year	781 450 24

CATTLE — Compared to last Thursday, Slaughter Steers 50-75 higher, instances fully 1.00 higher on Choice; Cows steady to 50 higher, most advance on Canner and Cutter; Bulls 50-75 higher, instances 2.00 higher on Utility and Commercial over 1300 lbs. Supply included 39 percent Cows.

SLAUGHTER STEERS — Small supply high-Choice and Prime 1025-1250 lbs. 36.00-36.75; eight head Choice yield grade 2 37.00-37.85; Choice 950-1300 lbs. 34.25-36.25; high-Good and low-Choice 33.25-35.00; Good 30.50-34.25; Standard and low-Good 26.50-30.00.

SLAUGHTER HEIFERS — Choice 820-1050 lbs. 29.75-32.50, Good 26.00-29.50.

COWS — Utility and high-dressing Cutter 21.00-23.00, few 23.10-23.85; Cutter 20.00-22.00; Canner and low-Cutter 17.75-20.00.

BULLS — Choice 30.00-32.25, few head 32.25-34.25; Good 28.00-29.50; Utility and Commercial 27.75-30.25, few 32.25-33.25.

VEAL CALVES — Vealers mostly steady.

VEALERS — Choice 50.00-55.00, few 55.00-57.50; Good 45.00-50.00; Standard 39.00-45.00; Utility 33.00-39.00; Cull 25.00-33.00.

SHEEP — Woolled Lambs and Slaughter Ewes steady.

WOOLED LAMBS — Few lots Good 80-100 lbs. 24.00-26.50.

SLAUGHTER EWES — Utility and Good 3.00-6.00.

Monday, November 1

HOG RECEIPTS 766 — Retail 21-22.60; Wholesale 2s, 3s, 4s 20.35-20.75; Heavyweights 20-20.35; Sows 15.50-17.50; Boars 14.50-15.

Monday, November 1

CALF RECEIPTS 138 — Choice and Prime 49-55; Standard 39-42.50; Good and Low Choice 43-48.50; Common 25-38.50.

Monday, November 1

Thirteen loads of Hay and Straw sold as follows: Hay 30.50-42; Straw 37-40.

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Lebanon Valley Omaha Cattle Auction

Tuesday, November 2
355 Head of Cattle

Steers: Choice (few), 33.35 - 34.75; Good, 31.25 - 33.10; Standard (few), 27.25 - 29.35.

Heifers: Good (individual), 28.10 and 28.35; Utility (few), 23.00 - 26.00.

Cows: Utility (individual), 22.35 - 23.60; Cutter, 21.25 - 22.10; Canner, 19.35 - 21.25; Shells down to 18.00.

Bulls: Good, 28.85 - 31.50; Utility and Commercial, 26.10 - 29.00; Cutter (few), 24.50 - 26.25.

250 Head of Veal Calves

Choice (few), 52.00 - 54.00; Good, 49.00 - 52.00; Standard, 45.00 - 50.00; Utility, 40.00 - 44.00; Cull 90 - 120 pounds, 34.00 - 39.00; Cull 70 - 85 pounds, 29.00 - 33.00.

Farm Calves: Bulls 80 - 110 pounds, 38.00 - 44.00; Heifers 85 - 120 pounds, 37.00 - 54.00.

221 Head of Hogs

Barrows and Gilts: U.S. 2-3 195 - 250 pounds, 20.50 - 20.75; 2-4 125 - 185, 17.25 - 19.25.

Sows: U.S. 2-3 300 - 600 pounds, 16.35 - 16.60.

Boars: (few) 13.00 - 14.25.

27 Head of Feeder Pigs

U.S. 1-3 20 - 35 pounds (individual), 5.25 and 6.50; 1-3 50 - 100 (few), 14.00.

15 Head of Sheep and Lambs

Good, 65 - 100 pounds, (few), 21.00 - 25.00.

Ewes (few), 5.00 - 6.50.

Thursday, November 4

Compared with last weeks close—slaughter steers mostly steady, instances strong to 25c higher than dull late trade of previous week. Heifers fully steady under continued board demand. Cows and bull steady. Modest feeder cattle and calf supply fully steady.

Despite a curtailed outlay of slaughter cattle and the need for numbers to meet immediate slaughter requirements, buyers strongly resisted any price advance the forepart of week in view of the generally unfavorable ratio between current live prices and carcass realizations. At the same time, most sources reported the available supply of market-ready cattle limited and feeders hesitant to market cattle under prevailing bearish conditions. Wholesale carcass prices firmed at mid-week and stimulated a greater aggressiveness with a good demand by shippers and order buyers.

Four day receipts 15,800 as compared 16,900 previous week and 23,300 year ago. Slaughter steers approximately 36 percent, heifers 34 percent, cows 8 percent and feeder 20 percent, including those consigned for Friday auction.

Average cost slaughter steers first three days 32.54 average weight 1116 lbs as compared 32.42 and 1101 lbs previous week and 27.31 and 1111 lbs a year ago.

Market Steers

Steers — Three loads High-Choice and Prime U.S. 3-4, 1186 - 1262 pounds, 34.00 - 34.25; 16 loads 1082 - 1288, 33.50 - 33.75; Choice 2-

Local Grain

Thursday, November 4

These prices are made up of the average prices quoted by six participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, November 4, 1971, are as follows:

	Bid+	Offered+
Ear Corn (old)	37.66	44.00
Ear Corn (new)	24.00	30.00
Shelled Corn	1.21	1.39
Oats (local)	.71	.90
Barley	1.00	1.19
Wheat	1.45	1.63

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

4, 975 - 1250, 32.00 - 33.25; Mixed Good and Choice, 950 - 1225, 31.50 - 32.25; Good, 28.50 - 31.50; Holsteins 2-3, 1150 - 1418, 28.50 - 29.25; Standard and Low-Good, 27.00 - 28.75.

Heifers — Two loads High-Choice and Prime, U.S. 3-4, 950 - 1003 pounds, 32.85; 15 loads 2-4, 820 - 1047, 32.60 - 32.75; Choice, 825 - 1025, 31.25 - 32.50; Mixed Good and Choice, 775 - 975, 30.50 - 31.50; Good, 26.50 - 30.50; Standard and Low-Good, 25.00 - 26.50.

COWS — Utility and Commercial, 21.00 - 22.00; few Utility Dairybreds, 22.25; Canner and Cutter, 18.50 - 21.00; Mixed Cutter and Low-Utility, 21.25 - 21.50.

Bulls — Utility, Commercial and Good, 25.00 - 27.50; Commercial, 28.00; Cutter and Low-Utility, 23.50 - 25.50.

Feeder Steers

Prices fully steady, supplies largely Choice steer and heifer calves and yearlings with moderate showing fleshy two-way steers. Outshipments approximately 1700 head compared 2000 previous week.

Steers — Choice and Prime, 945 - 1028 pounds, 32.25 - 32.50; Choice, 390 - 447, 38.00 - 42.00; 604 - 700, 34.00 - 37.25; 788 - 892, 33.00 - 35.00; High-Good and Choice, 900 - 1025, 30.50 - 31.50.

Heifers — Choice, 382 - 462 pounds, 34.65 - 35.25, 507 - 861, 31.00 - 34.50.

LLOYD H. KREIDER

Auctioneer

and

Sales Manager

330 West State St.
Box 2 RD1
Quarryville, Pa. 17566
Ph: 786-3394

FUTURES TRADING

(Closing bids as of Thursday, November 4)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
November			2.74	28.30
December	33.55	21.60		33.65
January '72				35.70
February	32.75	22.55		
March			2.87	
April	31.90	21.65	3.08	
May			3.52	
June	31.67	23.37		
July		23.50		
August	31.45	22.55		
October	31.05			

Trend — Cattle are stronger, Hogs are stronger, Potatoes are stronger and Eggs are stronger.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds & Company

Green Dragon Dairy Cattle

Friday, October 29

The Green Dragon market reported receipts of 105 head of cattle, fair attendance with prices steady.

Consignments included:

Load Wisconsin fresh cows, 435 - 590.

Load Pennsylvania cows, fresh, 235 - 470; springers, 365 - 500.

Load Mixed springers, 305 - 550; one fresh cow, 600.

Load Pennsylvania springers, 335 - 465.

Local springers, 287.50 - 445.

Colored cows, 295 - 450.

Three stock bulls, 237 - 245.

Beef Cows

Beef cows lower in slow market; feeder market light supply in active market, prices steady.

Beef cows: Cutters, 22.00 - 23.50; Fat cows, 19.00 - 21.00; Utility, 16.00 - 18.50.

Stocker market: Holstein type bulls, 26.00 - 28.00; Beef type bulls, 24.00 - 30.00; few Holstein steers, 26.00 - 28.00.

Green Dragon Hay Market

Friday, October 29

16 loads hay, including: few loads Alfalfa, 45.00 - 48.00; few loads Timothy, 35.00 - 47.00; few loads Mixed hay, 30.00 - 47.00; one load Clover, 36.00.

Three loads straw, 31.50 - 38.00.

Hay Prices

Monday, November 1

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton).

Hay and straw steady, Mulch steady to strong; little movement due to corn harvest.

Alfalfa	35.00-40.00
Timothy hay	20.00-30.00
Mixed hay	22.00-38.00
Straw	25.00-35.00
Mulch	13.00-20.00

Farm News Brief

In the United States, per capita consumption of frozen vegetables has more than tripled since 1954 reflecting advances in modern farming and food processing techniques.

Heart Association Meeting

A cooking demonstration featuring the preparation of low-fat, low-cholesterol foods, will be presented by the Heart Association Lancaster County and Pennsylvania Power and Light Home Service Department at 7:30 p.m. Thursday, November 18 at the Pennsylvania Power and Light Company, 8 N. Queen St., Lancaster.

The program, entitled "See the Light. Save your Heart", is open to the public, free of charge. Reservations should be made in advance by phoning the Heart Association Lancaster County, 393-4781.

Mrs. Mary Myers, Senior Home Economist for Pennsylvania Power and Light, will prepare an oven dinner, including appetizer and dessert, using simple and delicious recipes which are recommended by the American Heart Association for maintaining a healthy heart. Mrs. Marjorie Moodie, Field Representative for the Heart Association Lancaster County, will give a brief explanation of precautions everyone can take to help reduce the risk of Heart attack, followed by a question period and a film. "Eat to your Heart's Content".

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Pequea Valley Local Banquet Set

The Pequea Valley Local of Eastern Milk Producers Association will hold a family style banquet at the Bird-in-Hand Motor Inn, located on Route 340, at 7 p.m. Friday, November 12.

Main speaker for the evening will be John York, general manager of Eastern Milk Producers. His topic will include the issues and problems of milk marketing today.

This meeting is open to all Pequea Valley members. Reservations should be made no later than November 9. Door prizes and gifts will be awarded.

U.S. Inspected Livestock Slaughter

For the week ending Thursday, November 4.

INSPECTION:	CATTLE	HOGS	SHEEP
Week to date	483,000	1,440,000	172,000
Same period last week	455,000	1,264,000	152,000
Same period last year	452,000	1,398,000	155,000

Estimated daily livestock slaughter under Federal Inspection.

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LANCASTER FEEDER SALE SCHEDULE

DECEMBER 3

Lancaster Union Stock Yards

AUCTION PAVILION

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Poultry Market Reports

Weekly New York Egg Market

From Monday, November 1st to Friday, November 5th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. White	33½		31½	31½	31½
Large	32		30	30	30
Mediums	26½		25	25	25
Pullets	22		21	21	21
Peepees	15		15	15	15
BROWN					
Fcy. Large	39		37	36	36
Mediums	Unquoted				
Pullets	Unquoted				
Peepees	Unquoted				
Standards	26		25	25	25
Checks	17		17	17	17

Long Tone — West Coast still weak. Balance of country generally steadier.

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Delmarva

Wednesday, Nov. 3

Ready-to-cook movement fairly good in most quarters despite a general lack of attractive feature activity reported Slaughter schedules about steady. Less than trucklot prices unchanged on both Plant and U.S. Grade A. Advance interest fairly good however negotiations too limited to report prices. Live supplies irregular ranging ample to occasionally barely adequate with weights within a wide range of mostly desirable. Undertone about steady. Pool trucklot prices for Thursday arrival in the New York Area: U.S. Grade A 25½-28½ M 26 Plant Grade 24½-27 M 25 Special packs including 1¾-2, 3½ pound sizes TFEWR.

New York Eggs

Wednesday, Nov. 3

Prices trended sharply lower. Arrivals moderate with additional offerings readily available. Distributors stocks of extra large plentiful, large ample and accumulating. Demand irregular with volume lots of large difficult to move and being offered at 27 cents in some quarters. Medium ample with smalls adequate for needs. Standards in light supply with limited sales at 23½ to 25 cents, with other good quality large containing less than 85 percent grade A offered at most 26-27 cents. Carton orders fair with deliveries improved slightly over the first of the week. Undertone nervous and weak.

Fogelsville

AUCTION REPORT SALE
TUESDAY, NOV. 2

Prices paid dock weights, cents per pound, except where noted.
Hens, heavy type 5-18, mostly 7-10; Pullets 22-28½, mostly 23-26; Roasters 10½-36½, mostly 28-35; Ducks 15-35, mostly 30-35; Drakes 32-46, mostly 38-46; Turkeys, toms 22-24½; Turkeys, hens 31½-32; Rabbits 33-52, mostly 44-50; Guineas 40-50; Pigeons (Per pair) 72-2.45, mostly 75-1.00.
Total coops sold 495.

position.

Saturday, November 13

8:30 a.m. — Pennsylvania State 4-H Horse show, Keystone International Livestock Exposition.

Eastern Pa. and N. J.

Wednesday, Nov. 3

Prices unchanged on light type hens. Demand continues fair as several plants only working part time due to slow movement of finished product. Offerings adequate though unaggressively offered despite declining egg prices. Offerings of heavy hens adequate at unchanged prices for a fair interest. Prices paid at farm: Light type hens 4½-7 mostly 6½-7 in Pa., mostly 6 in New Jersey. Heavy type hens 13-14.

Pa. Young Farmers Week

Governor Milton Shapp has declared November 7 to 13 as Pennsylvania Young Farmers Week.

The Proclamation noted that the Association is organized through the vocational agriculture program in public schools to provide continued educational opportunities for young farm families.

"Young Farmer programs in local communities provide technical information, develop civic responsibilities, and promote rural-urban understanding.

"The Pennsylvania Young Farmers Association enables young farm families throughout the state to associate together in frequent planned meetings, whereby they gain new ideas, create new friendships, and

acquire valuable experiences. "The achievements of the Pennsylvania Young Farmers Association merit public recognition."

Workshops For Brides

The Cooperative Extension Service has scheduled a workshop for brides-to-be.

The workshop covers serving nutritious meals, helping budget money, and managing time wisely.

The workshop will be held at 7 p.m. November 15, November 22 and November 29 at the Farm and Home Center.

Farm News Brief

Of every ten acres of corn grown today, 8.8 acres are grown for grain, and 1.2 are chopped for silage.



FLBA and PCA directors reelected at Thursday's meeting were: left to right, John J. Long, PCA president; John H.

Gibble, PCA vice president, and Paul M. Herr, FLBA director.

FLBA and PCA Hold Annual Meeting

(Continued from Page 1)

He explained that the role of the tax surcharge in the economic policy is to make imported products more costly in relation to products grown or produced in this country; this makes products in this country more competitive at the retail level with the imports.

What happens in the future, he said, may depend on how people

evaluate the long-term ability of the federal government to control inflation. He indicated that if people believe the anti-inflation policies will work and act accordingly, they probably will be successful.

He also noted that with the present policies, "this country

has turned drastically away from a competitive, free-enterprise system." If the policy doesn't work, he said, there's concern that controls will be made even tighter.

Toastmaster was Elvin Hess Jr., Strasburg RD1, a PCA director.

4-H Calendar

Sunday, November 7

1:30 p.m. — All Eastern Junior Beef Breeding show, Keystone International Livestock Exposition, Harrisburg.

Tuesday, November 9

10 a.m. - 1:30 p.m. — 4-H Capon exhibit and awards, Elks Club, Lancaster.

Friday, November 12

8:30 a.m. — Pennsylvania State 4-H Horse show, Keystone International Livestock Exposition
7:30 p.m. — Pennsylvania State 4H Horse show, Keystone International Livestock Ex-

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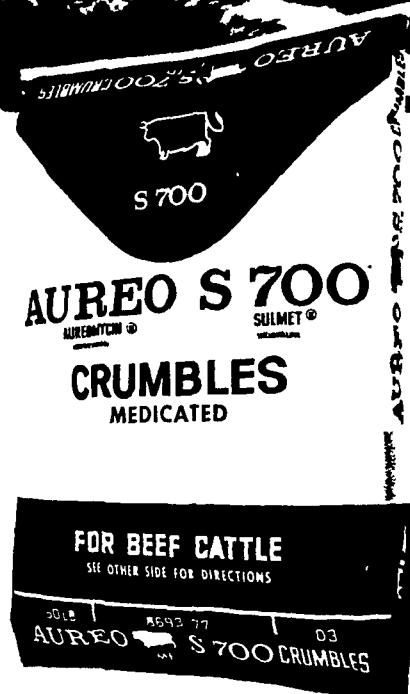


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Keystone Exposition Schedule Is Listed

The complete schedule of the 1971 Keystone International Livestock Exposition at the Farm Show Building in Harrisburg during the coming week is as follows:

Beef Cattle

Sunday, November 7 — 1:30 p.m., All Eastern Junior Beef Breeding, large arena.

Monday, November 8 — 8 a.m., Carcass Steers On-Foot, large arena, 9:30 a.m., Junior Steers (4-H and FFA), large arena.

Tuesday, November 9 — 9 a.m., Angus Breeding Cattle, large arena, 9 a.m., Open Class Steer Show, large arena, 1 p.m., Grand Champion Steer, large arena; 2 p.m., Feeder Calves, feeder calf pens.

Wednesday, November 10 — 9 a.m., Hereford Breeding Cattle, large arena, 9 a.m., Polled Hereford Breeding Cattle, large arena.

Thursday, November 11 — 9 a.m., Charolais Breeding Cattle, large arena, 9 a.m., Shorthorn Breeding Cattle, large arena, 1 p.m., Feeder Calf Sale, feeder calf pens.

Sheep

Monday, November 8 — 9 a.m., Carcass Wethers On-Foot, sheep arena; 11 a.m., Truckload 15 Market Lambs, sheep arena; 11:15 a.m., Junior Market Lambs, sheep arena; 1:30 p.m., Open Market Lamb Classes.

Tuesday, November 9 — 9 a.m., Hampshire Breeding Classes, sheep arena; 9 a.m., Southdown Breeding Classes, sheep arena; 1:30 p.m., Suffolk Breeding Classes, sheep arena; 1:30 p.m., Shropshire Breeding Classes, sheep arena.

Wednesday, November 10 — 9 a.m., Cheviot Breeding Classes, sheep arena; 9 a.m., Oxford Breeding Classes, sheep arena; 1 p.m., Dorset Breeding Classes, sheep arena; 1 p.m., Columbia Breeding Classes, sheep arena; 3 p.m., Corriedale Breeding Classes, sheep arena.

Thursday, November 11 — 9 a.m., Rambouillet Breeding Classes, sheep arena, 10:30 a.m., Merino Breeding Classes, sheep arena.

Swine

Sunday, November 7 — 1 p.m.,

Live Hog Evaluation Contest, small arena; 2 p.m., Junior Barrows, small arena.

Monday, November 8 — 8 a.m., Open Barrows On-Foot (by breeds), Duroc, Hampshire, Spotted Swine, Chester White, Crossbred and Purebreds (of other breeds), Berkshire, Poland China, and Yorkshire, small arena; 1 p.m., Truckload 6 Market Hogs, small arena.

Tuesday, November 9 — 8 a.m., Breeding Swine Classes, (Berkshire, Chester White, Duroc), small arena.

Wednesday, November 10 — 8 a.m., Breeding Swine Classes, (Hampshire, Poland China, Spotted Swine, Yorkshire), small arena.

Horses

Sunday, November 7 — 1 p.m., Quarter Horse Halter Classes,

large arena; Quarter Horse Performance Classes, large arena.

Monday, November 8 — 1 p.m., Arabian Halter Classes, large arena; 6:30 p.m., Arabian Performance Classes, large arena.

Tuesday, November 9 — 10 a.m., Appaloosa Halter Classes, large arena; 6:30 p.m., Appaloosa Performance Classes, large arena.

Wednesday, November 10 — 1

p.m., Welsh Pony Halter Classes, large arena; 6:30 p.m., Welsh Performance Classes, large arena.

Friday, November 12 — 8:30 a.m., Pennsylvania State 4-H Horse Show, large arena; 7:30 p.m., Pennsylvania State 4-H Horse Show, large arena; 7:30 p.m., Pennsylvania State 4-H Horse Show, large arena.

Saturday, November 13 — 8:30 a.m., Pennsylvania State 4-H Horse Show, large arena.

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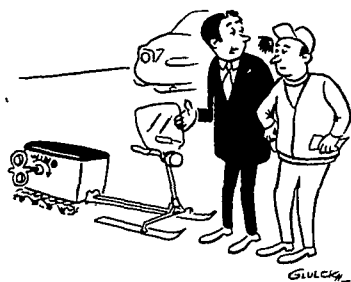


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Bi-Swing is a term used to describe the two deep vertical pleats which run along the sides of the back from mid-shoulder to the waist in men's clothing, says Mrs. Ruth Ann Wilson, extension clothing specialist at The Pennsylvania State University. The bi-swing produces a blousing out effect that gives greater freedom of movement.



John Hoffman (left) owner Lancaster Bone Fertilizer Co., Quarryville, awards Richard Drumm, Kirkwood RD1, the winning drawing for one ton of OLIN UREA 45 per cent NITROGEN. Drawing was made at the Quarryville Fair.

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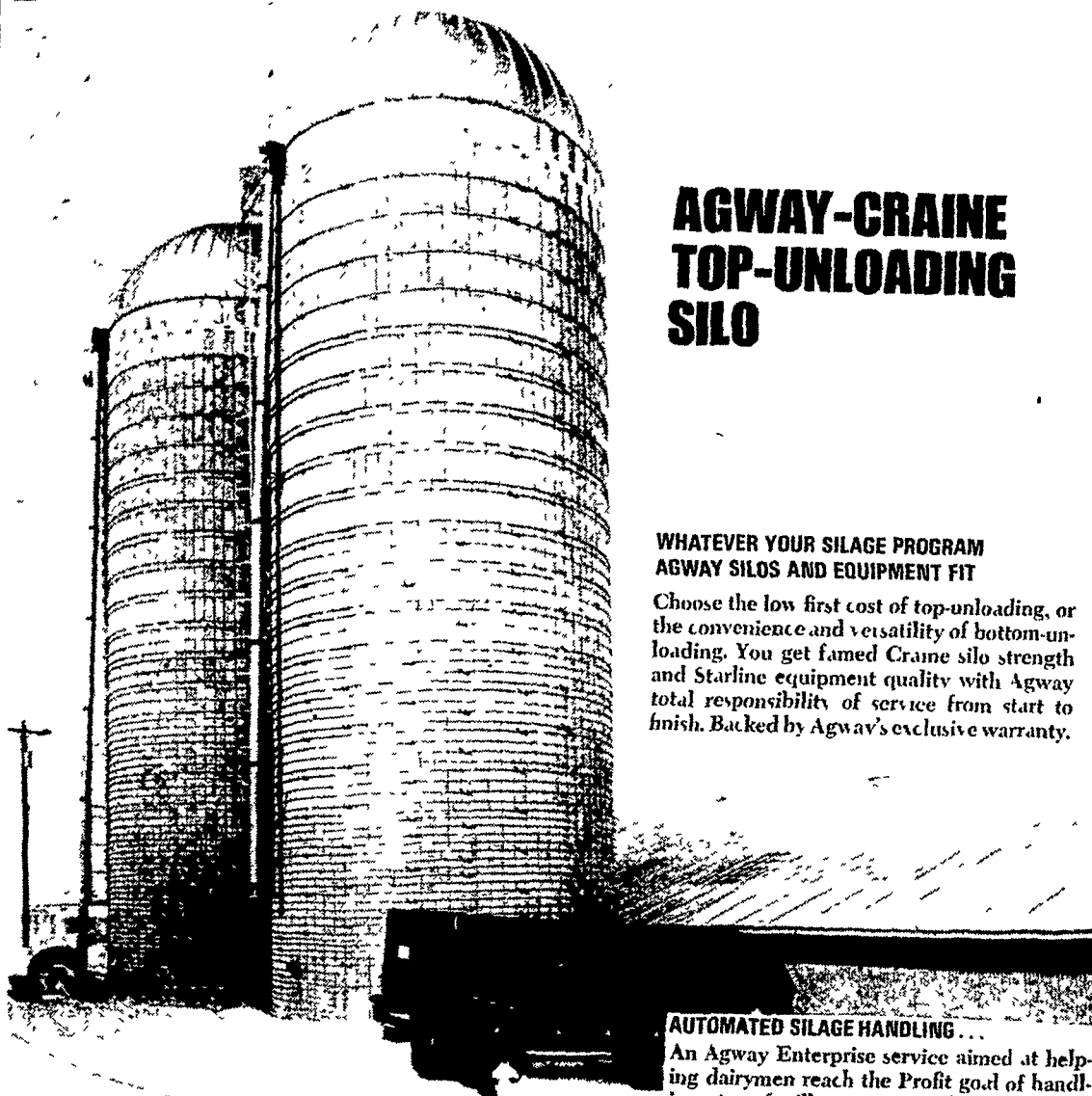
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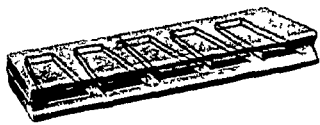
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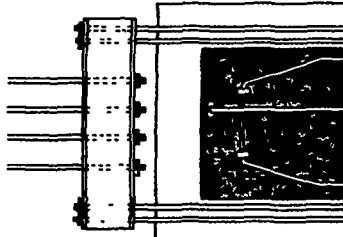
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USDA Is Ready to Detect Foreign Animal Diseases

Ability to quickly and accurately diagnose foreign animal diseases such as African swine fever would be of vital importance if an outbreak should occur in U.S. livestock, a scientist of the U.S. Department of Agriculture (USDA) said recently.

Visiting reporters at the Plum Island Animal Disease Laboratory at Greenport, N.Y., were briefed by Dr. Ahmed H. Dardiri, head of the Diagnostic Investigations Section. "Developing this ability is one of our responsibilities," said Dr. Dardiri.

Because time would be of absolute importance in case of an outbreak, the diagnostic staff at the laboratory is on call 24 hours a day. "We can immediately mobilize to begin mass diagnosis on large numbers of animals," Dr. Dardiri told newsmen.

At the Plum Island laboratory scientists of USDA's Agricultural Research Service have developed tests for diseases not present in the United States—foot-and-mouth disease, lumpy skin disease, ephemeral fever, African swine fever and others.

The 34 diseases being studied or scheduled for study in the near future are researched in the order of their economic importance to our livestock industry. Of primary interest now are foot-and-mouth disease and African swine fever, both of which are potential costly threats to our livestock.

Foot-and-mouth disease is of continual concern because it is present in most of the countries of the world. African swine fever, on the other hand, only recently invaded Cuba, its first appearance in the Western Hemisphere. An important activity of the laboratory is special training courses for veterinarians on recognition of this and other diseases. African swine fever so closely resembles domestic hog cholera that only diagnostic tests can differentiate the two diseases.

Plum Island has the capability to diagnose 300 specimens daily for African swine fever in the event the disease should gain entrance into our country.

Also on hand at the laboratory are the agents needed to diagnose 17 other diseases that could threaten our livestock. Several other disease agents are included in the lab reference reagent

repository and agents which are not on hand for diagnosis can be obtained from other countries in the event of an emergency.

Through strict quarantine of livestock and unprocessed meats and meat products, from countries where diseases alien to the United States exist, and by constant checking of our livestock for new diseases, our country has remained relatively free of foreign disease.

Diagnosing specimens from animals and animal products that could be contaminated with a foreign disease represents 50 per cent of the work done at the laboratory. Zoo animals and imported biological and meat products as well as livestock are checked for disease organisms.

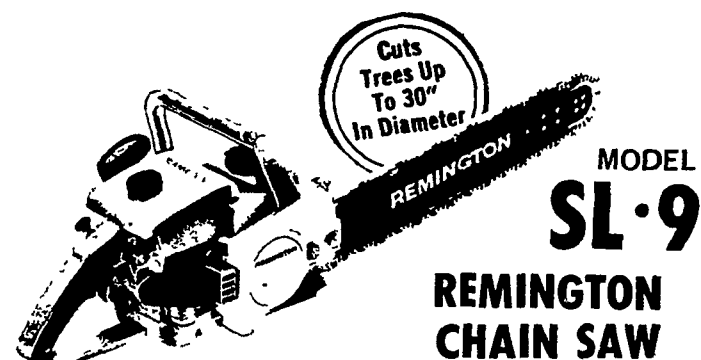
Samples taken from animals suspected of having contracted a foreign disease arrive every week at the laboratory for diagnosis. Fast, accurate diagnosis is necessary in these instances, for if it is indeed a foreign disease, the livestock population of the United States is extremely susceptible, and time is of the utmost importance.

Demands for the services of the laboratory are rapidly growing. In 1961 for example, diagnostic service was required for only 34 specimens and only 4 diseases were thought to be involved. By contrast, so far this year, diagnostic service has already been required for over 2,075 specimens and 12 diseases have been suspected.

In addition to examining specimens received from the field and training veterinarians in the recognition of foreign diseases, the laboratory functions in other ways—conducting research for developing new diagnostic tests, participating in investigations of diseases to determine their spread, and studying diseases in depth to improve our knowledge of the disease, its diagnosis and control.

With the swift travel of today, when a man can be on a farm in a foreign country in the morning and in a similar location in this country only hours later, the threat of a foreign animal disease crossing our borders is constant. Only by strict quarantine and rapid, accurate diagnosis by the scientists at Plum Island can our country continue to be free of diseases that could devastate our important livestock industry, ARS officials said.

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Protein Milk Pricing System Is Used in Some Areas by NFO

Editor's Note: The idea of a new system for pricing milk has been periodically proposed to the dairy industry. The following is portions of an article by the National Farmers Organization on a price system based on protein content. It was forwarded by Leland S. Stanford.

Cletus and Steve Timmerman, a father-and-son team from Dickeyville, Wis., are taking NFO's story of protein pricing of milk to farmers in America's Dairyland

They equipped a second-hand panel truck as a mobile lab, undoubtedly the nation's first milk protein tester-on-wheels. And they're selling a protein approach that's working in NFO contracts in the West.

It's been a sideline since last spring to their main job of serving members marketing milk through the Dickeyville reload managed by Cletus. This is in Grant County, ranked 10th on the list of the nation's milk-producing counties.

The unusual mobile laboratory is good advertising for NFO's fast-growing reload system in Wisconsin.

Farm Progress Days

Probably the most interesting trip with the small lab was to Farm Progress Days at West Salem near LaCrosse, where Steve set it up and explained protein pricing to visitors. He ran several dozen samples a day to show how the test works.

He said dairy farmer interest in protein testing was tremendous, among members and non-members alike. City people, too,

stopped by the talk about the need for more emphasis on protein content of milk.

Steve, a licensed milk tester, says the simple test for protein takes about the same amount of time as testing for butterfat. He draws off a small amount of milk with a syringe, puts it in a small bottle, adds an orange reagent dye to bind the protein, and shakes it up.

Then the sample is run through a special filter into a thin glass container, a photo cell shoots a light through it, and a small gauge provides a light transmission reading. That reading is quickly converted with standardized chart to percent of protein content

"We're still selling milk the ancient way," Steve notes. "Farmers realize this and never argue that the protein way isn't the right way to do it."

Met Roy Brog

Cletus said Norbert Connors, a national director from Viroqua, Wis., first introduced he and his son to the protein pricing concept. Connors introduced them to Roy Brog, the man who developed the protein pricing concept for NFO. The idea for the testing van followed.

Basing milk prices on both butterfat and protein content, a much-needed change in the dairy industry, is sure to come eventually in Wisconsin they believe. It is getting its biggest push now from contracts negotiated by NFO producers in Utah, Idaho and Wyoming.

They ship milk under contracts paying an additional nine cents for each one-tenth of a per cent above a 3.2 per cent protein base. What NFO says, in effect, is that there's more value in milk than butterfat and farmers ought to get paid for it.

Protein Contracts

NFO members have had the expert assistance of Brog and Dairy Monitoring of America in developing a protein pricing system. His testing procedure, available to NFO dairy bargainers, is written into NFO protein-based supply contracts.

Manor Young Farmers Set Nutrition Courses

The Manor Young Farmers will hold four animal nutrition courses this month. Starting at 7:30 p.m., the meetings will be held November 9, 11, 16, and 18 in the Penn Manor vo ag room.

Mike Burton, Penn Manor vo ag teacher, will be in charge of three of the meetings.

Dr. Emmett I. Robertson, nutritionist John W. Eshelman & Sons feed company, will speak on "The Importance of Minerals" at the November 16 meeting.

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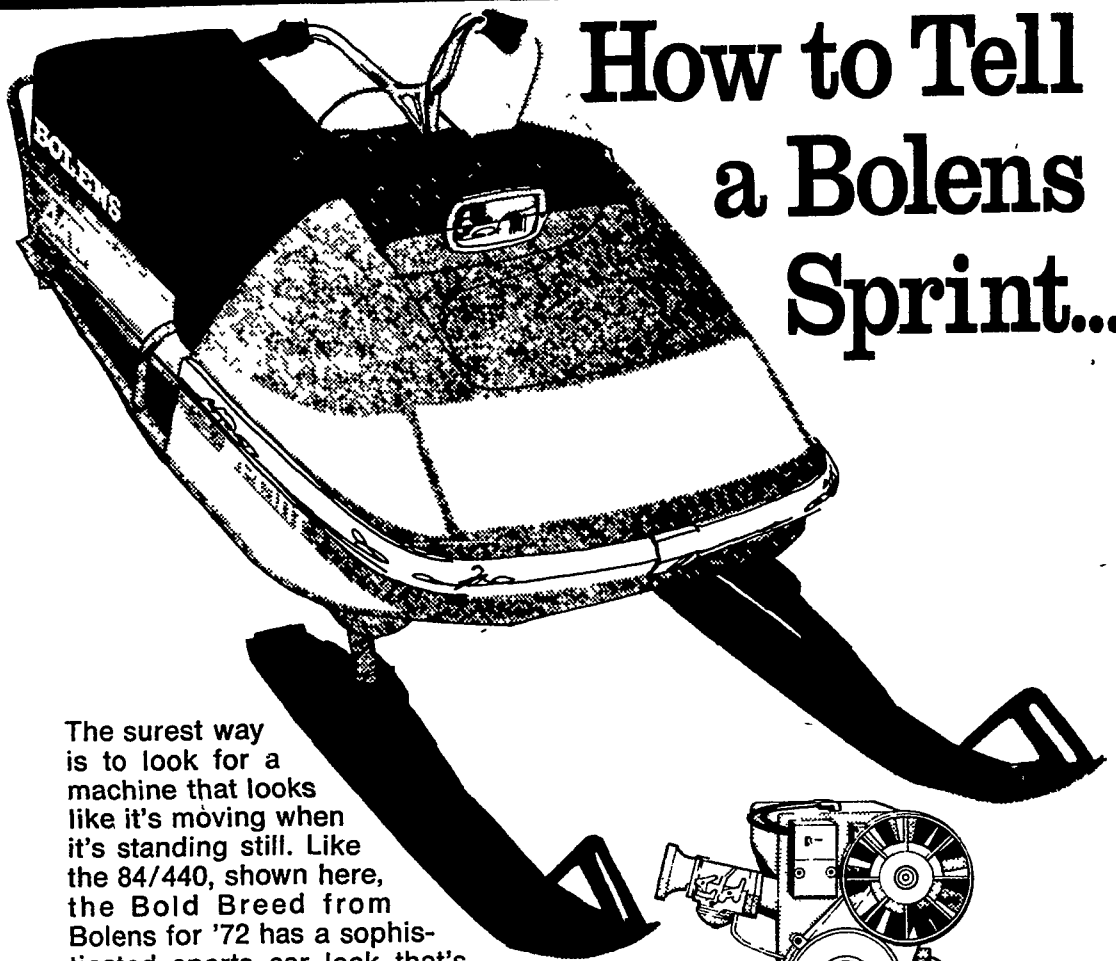
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deep. All Bolens Sprint snowmobiles feature twin cylinder engines designed exclusively for snowmobiling. Smooth and dependable from 292 to 433cc's. There's a Salsbury clutch and driver to insure maximum performance and stamina, a quiet-tone muffler to cut your thunder to a virile rumble and flip-top ventilated cowl for easy engine access. Sprints also feature ski spindles set at 30° for positive steering and maneuverability, disc caliper braking

and a handlebar mounted engine "cut-off" switch (most models). As mentioned, you'll have a choice of engines from 18 to 40+ hp, and to insure performance and best power to weight ratio there are 3 all-steel frame sizes . . . 15", 15½" and 18" tracks. You'll also have a choice of bogey or slider suspension (84/440 only). There are other nice ways to

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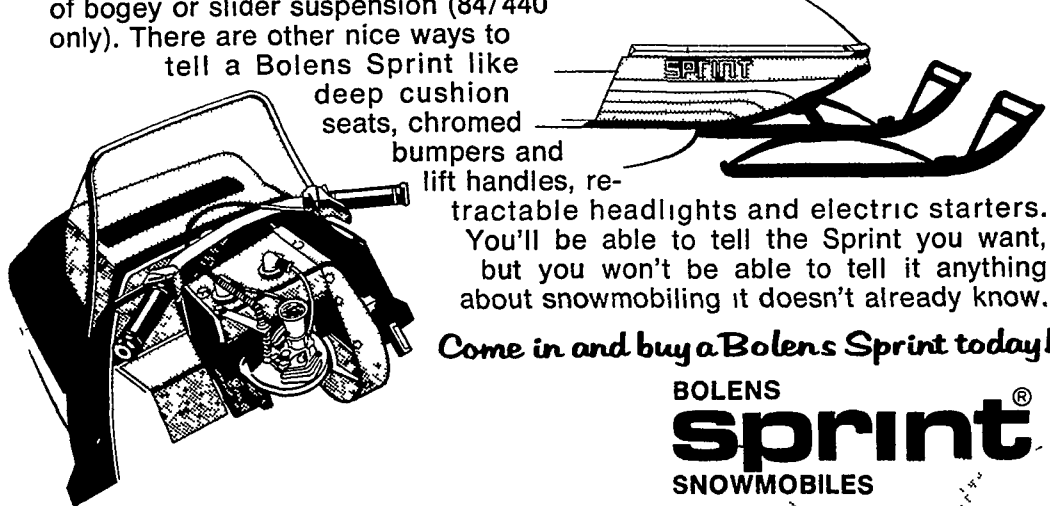
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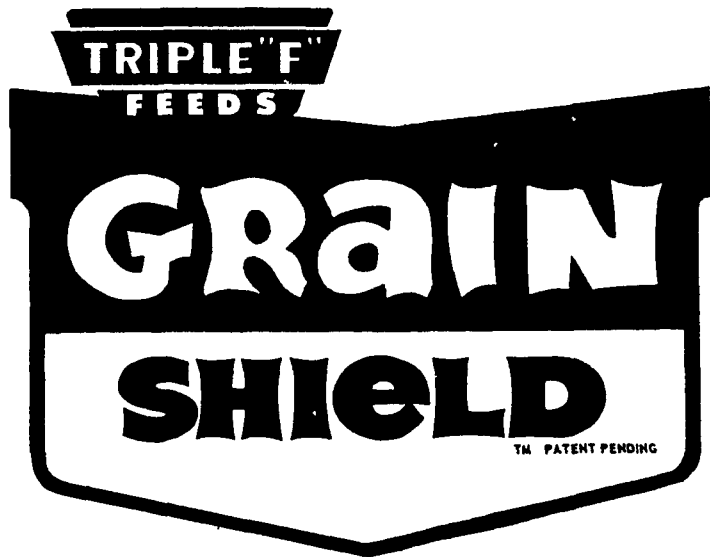
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Sheep Producers Promote New Lamb Dishes, 'Action Fabrics'

The semi-annual meeting of the board of directors of the American Sheep Producers Council (ASPC) was held recently in Cheyenne, Wyoming, October 7-8, the first time the meeting has ever been held outside of Denver.

The promotion organization is sponsored by the sheep industry to promote lamb and wool. The 42 directors represented every part of the country and the estimated 175,000 sheep producers.

Henry Hibbard, ASPC president from Helena, Mont., conducted the directors' meeting and called for industry unity.

In a series of workshops the directors were told of the need for the sheep industry to be more vocal in pointing out the tremendous good which the livestock industry is to this country, not only in providing food and fiber but also in improving the environment.

Alfred Fisbeck, executive director of the Council, headquartered in Denver, said the sheep industry must reply

more forcefully to charges made against it at various times and also point out the positive good the industry does on range land—building ponds that serve livestock and wildlife, plus clearing out dangerous underbrush so that our forests are made less susceptible to fires, and many other positive points.

Fisbeck said there is nothing wrong with the sheep industry that telling the other side of the story won't help. The days of waiting for the storm to blow over are gone, he added, and "unless you tell the sheepman's story it will deal the industry a serious blow." Ecology and the environmental concerns are here to stay, he added, and the sheepman is, and has been, cooperating in every respect.

New life also was put into the promotion programs for lamb and wool.

Lamb Sales Pushed

The American Lamb Council, a division of the American Sheep Producers Council, is pursuing the new frozen lamb-in-a-box

program to interest other processors in producing a quality product, following a significant year-long test of the salability of frozen packaged lamb.

The original frozen packaged program was started with Monfort of Colorado at Greeley. The firm fabricated eight different lamb cuts to rigid Council specifications. All cuts are film-wrapped, packaged in individual boxes designed by the Lamb Council and "frozen at the peak of goodness."

Lamb sell efforts with the military have been intensified.

The American Lamb Council is also interesting processors in packaging and selling prepared lamb dishes.

At present ALC is cooperating with Kubro Foods at Los Angeles, California, on pre-cooked frozen lamb dishes—barbecued riblets and barbecued boneless shoulder slices in an exclusive Kubro sauce, and lamb curry. These have been tested and the program is expected to be launched to consumers in January, 1972.

"If successful, the Council will have developed an additional market for the so-called 'rough cuts' of lamb, turning them into 'bonus' cuts for the producer," Senator Henry Hibbard said.

Action Fabrics Urged

Greater movement in wool is expected in November because of the new "action fabrics" that are being developed. This action program consists of stretch fabrics for men that will give men the ease in movement in woven fabrics that they have been receiving this past season from knits.

Major mills are moving heavily into these woven stretch "action fabrics."

Indications are that the conventional "rigid" fabric constructions for men's wear will be a negligible factor for the Fall '72 selling period.

The total Council budget for 1972-73, beginning July 1, 1972, will be \$3,000,000 the same as that for the current year. The promotion portion includes 44.5 per cent for wool and 55.5 per cent for lamb.

Ortho's FREE Nitrogen Replacement Offer takes the worry out of fall fertilization!

Last year, growers all across the corn belt took us up on our "Green 'n Easy" fall plowdown program. Response was so enthusiastic, we are making the offer again this year.

What is "Green 'n Easy?"

Under an Ortho "Green 'n Easy" program for corn, you simply plowdown Ortho Unipel 20-10-10 this fall in the amounts you determine from exclusive Ortho yield goal formulas — and you'll be through with all of your pre-plant plowdown of N-P-K.

Follow it up next spring with an at-planting application of Ortho Unipel Starter Special. You can apply it as a "dry pop-up" with the seed at 50 lbs./A and save time and material handling, while assuring a vigorous start for your corn crop.

What are the chances of nitrogen loss?

Extensive research conducted by corn experts in every corn-growing state has demonstrated time and again that where losses of fall-applied nitrogen have occurred in fields suitable for fall plowdown (that is, other than sandy soils, steep slopes, land that floods, or organic soils), the maximum loss has been less than 20%.

Ortho stands behind its program

If your young growing corn in the fields where you have followed the Ortho "Green 'n Easy" program, shows nitrogen deficiency next spring, we'll correct the deficiency by giving you — free — enough nitrogen to equal 20% of that which you applied this fall.

Why is Ortho so confident? . . . Unipels!

Ortho Unipels are unlike any other fertilizer on the market today. Unipel pellets are both chemically and physically uniform. No chance for segregation or separation of ingredi-

ents because every pellet has the same size, shape, and density and every pellet contains the precise ratio of N-P-K guaranteed. And the phosphate is fixation resistant. So, once across the field does it with Unipels!

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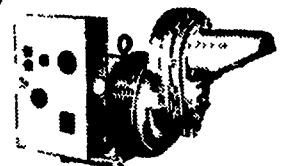
Protect your fall fertilizing investment this year with a "Green 'n Easy" fall plowdown program from your participating Ortho dealer. Visit with him soon and learn if your fields qualify.

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Feed Costs Down Again

The economics of farming have changed drastically in the few short months since it has become generally known that there would be a record harvest this year.

From high corn prices in the area of \$1.75 and up a bushel for corn, we have suddenly gone to corn which costs \$1.00 and less. There have been comparable reductions in other grains.

Basically, this means a rapid shift from a high feed cost to a relatively low feed cost situation.

While we formerly had a situation where it was profitable to sell corn and grains on the market and where feeding these products to animals was at best a marginal

operation, we now have a situation which is very favorable to process corn and grain through poultry, livestock and dairy enterprises.

Because most local farmers rely heavily on poultry, livestock and dairy enterprises, this in general represents an improved situation for them.

This improved economics of feeding, we think, will more than offset the adverse impact of a relatively poor corn crop this year.

Farmers who have extra storage space on their farms should consider buying additional corn and grains on the open market while prices remain low.

The Cost of Sign Thefts

The State Department of Transportation is taking every precaution to prevent accidents due to vandalism such as stealing stop signs. Recently a young man in Allentown was killed because someone removed a stop sign.

Traffic sign vandalism costs the taxpayers over \$250,000 and an untold amount of inconvenience, confusion, and increased highway risks.

Stealing signs is not the only way vandals strike. According to the State Department of Transportation (PennDOT), traffic signs are regularly painted, shot, bent, pasted with stickers and posters, and pelted with rocks and bottles.

Signs often are painted during the football season, covered with political stickers during election time, and used as targets for practice by hunters during the hunting season.

Letter of Thanks

Editor, Lancaster Farming:

We want to thank all who have helped on the evening of October 19 when we had the misfortune of losing our barn and some calves destroyed by fire.

October 27th was clean up day. Again our sincere thanks to everyone sharing their time and bringing equipment to clean up the debris.

Special thanks to children, teenagers, firemen, electricians, plumbers, businessmen, etc., for being so kind and courteous.

Also to the ladies in the community, friends and relatives in a distance that brought in food and helped serve the dinner

Thanks again for a wonderful job well done.

Lewis and Arlene Shore and family
Washington Boro RD1

LANCASTER FARMING
Lancaster County's Own Farm Weekly
P. O. Box 266 - Lititz, Pa. 17543
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National Newspaper Association

All this is costly: it costs \$25 to \$28 to replace a traffic route marker, between \$300 and \$2,000 to replace one of the large green-and-white Interstate highway signs. And it cost at least one life before an Allentown stop sign as replaced.

PennDOT officials, although they admit that vandalism cannot be completely halted, are taking steps to combat the vandals work, such as:

— Selection of sign material that even when defaced will still be readable, and the use of hardware that will prevent the sign from being carried away.

— Establishing the ownership of the sign by placing the PennDOT symbol on it.

— Listing all signs damaged or destroyed in an accident by PennDOT accident analysis field teams.

— Requiring all state maintenance personnel to report any missing or marred signs.

Motorists also can help a great deal by reporting any signs they notice missing or damaged to the nearest PennDOT District Engineering Office or to their county maintenance office.

The traffic sign vandal steals and destroys not only signs, but our money and our safety.

Editorial Noted

Editor, Lancaster Farming:

Our organization would like to commend you for the editorial published in the October 9th issue of Lancaster Farming entitled "DeBakey Backs Framingham".

It is a service that certainly has had the notice of poultrymen in the area you cover and has, no doubt, served to better inform folks in other segments of agriculture.

We are urging our members to disseminate this information to the friends and contacts they have beyond farming circles.

The publicity you have given Dr. DeBakey's news encourages our poultrymen in the effort they are making to counter unfounded attacks on our product—eggs.

Raymond F. Delano,
NEMA General Manager

NOW IS THE TIME..

By Max Smith
Lancaster County Agent



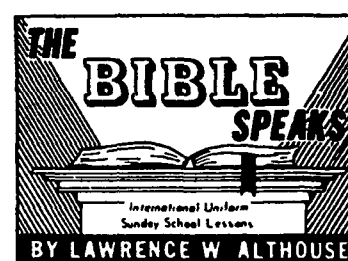
To Observe Stored Corn
Weather conditions during the past several weeks have not improved the drying out of the current corn crop. We are aware of reports of some cribs or piles of corn that are heating. Growers should look into their corn storage places and if the corn is heating or steaming, it should be given more air through a forced air system, or taken out, shelled, and dried. To permit it to continue to heat may mean the loss of the corn, or corn that is of very poor feeding qualities. No doubt the shelling and drying of the corn by use of supplemental heat would be the safest way to correct the problem. Weather conditions may improve, but may not come in time to keep the crib of corn from spoiling.

To Protect Water Pipes
With the kind of weather we have had in the past month it may be difficult to be thinking of freezing weather, but it will be on us quickly one of these days. Water pipes that are exposed may be a problem and should be either buried 24 inches deep, or wrapped with electric heating cable; this latter method is very common and will give good protection. Care should be exercised when installing the cable to prevent fire hazards; consult your local electrician for details. In some cases heat lamps may be used to prevent freezing indoors; the lamp should be securely fastened and out of the reach of all livestock.

To House Heifers Properly
The raising of dairy herd replacements is getting more attention because of the strong

demand and favorable prices. The young calf needs special attention and the best of care for the first year, but after that time, she can be housed in an open shed or pole barn with daily outside exercise with excellent results. We favor letting these yearling heifers "rough it" rather than to keep them in a warm barn in stanchions or in box-stalls. They should have plenty of good quality hay and silage and limited grain. Some dairymen are constructing special barns or sheds for their young stock, allowing them plenty of fresh air and exercise. Labor costs will be much lower when the yearling heifers are not housed too closely.

To Disc Corn Stalks
The practice of growing corn after corn in the same field is becoming more common; along with this practice corn diseases may also become more common; we have had a sample of this condition with the corn leaf blights. We are told that the "normal" strains of hybrid corn will nearly eliminate the problem of southern leaf blight, but how about some of the other blights and corn diseases? I still maintain that the old corn refuse should be put through the barns or disced into the ground during the fall and winter; also, something should be done to eliminate the amount of volunteer corn in the field. Several discings during late fall might also get this corn covered so that it will rot during the winter. The management of corn refuse needs more attention on many farms.



"ALIVE AND WELL"

Lesson for November 7, 1971

Background Scripture: Psalms 104; Acts 14:15-17; Colossians 1:15-17.
Devotional Reading: Job 38:1-11.

A bumper strip on the car ahead of me read: "GOD IS ALIVE AND WELL IN MY BACKYARD!"

I mused on that proclamation for the next fifty miles. What did it mean? To begin with, it probably was intended to indicate that the driver was one of those people who do not accept the claim that "God is dead!" In a sense, he was saying that he knows God "lives" because he encounters God in his own life.



Rev. Althouse

"Thou art very great!"

This is the kind of faith we find so often in the Book of Psalms. Very seldom is it a speculative faith that reasons its way to God. Much more, it is the faith of someone who experiences that "God is alive and well in my backyard!" The Psalmist believes in God because he sees him at work in his world. For him life is full of the sights and sounds of a God who does things.

Many of us would like to live in such a world today. We wish we could hear and see God at

work in our world. Ironically, we do live in that kind of world. The sounds and sights are the same as those that the Psalmist heard and saw. Through the trappings of civilization have radically changed since the day of the Psalmist, it is still pretty much the same world; the sun, the moon, the stars, the seasons, the elements — despite all that we have learned about them — exist pretty much as they existed thousands of years ago.

The difference is with us. Feeling largely self-sufficient, we manage to ignore the presence of God. There is the analogy of two men listening to a violin solo. For one man it is a truly inspiring experience, the beautiful music delighting the man's ear and heart. For the other man, the same experience is perceived simply as "so much horsehair scratching over cat-gut."

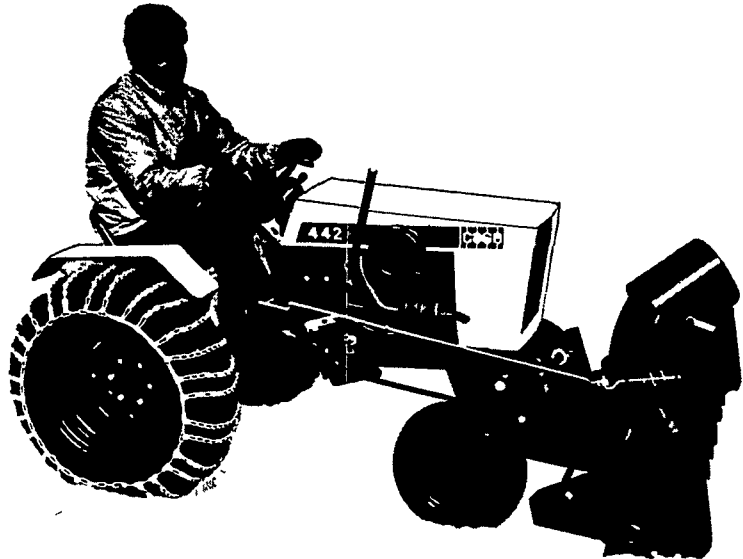
What God did and does!

When the Psalmist looked at the world, he was overwhelmed with the evidences of what God had done. He had created an orderly, dependable world, set on firm foundations. He had conquered the chaos and established both a moral and natural order. The world bore striking evidence of the mighty works of God and the Psalmist could not help but exclaim: "Bless the Lord! O my soul! O Lord, my God, thou art very great!" (104:1).

When the Psalmist looked at his world he saw a God who was not dead or even in retirement, but the Lord who was alive and well and active in his creation. When you look at the world, what do you see?

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7 Lancaster Co. Bulls Enter ABS Young Sire Program

Seven young Holstein sires from Lancaster County and vicinity recently entered the progeny test program of American Breeders Service, Inc. of DeForest, Wis.

This testing program is one of the largest and most extensive of its kind, annually testing about 100 young Holstein sires.

The purpose of the program is to provide a continuous supply of plus proven sires for service and the ABS stud. American Breeders Service is the largest AI Organization in the United States, breeding almost 2,000,000 cows each year.

The bulls entering the progeny test program are the result of special mating contracts between ABS and the owners of the bulls' dams. Three hundred of the top Registered Holstein cows in the nation are contracted and bred to the top AI sires in the country in the hope of obtaining a bull calf for the program.

The bulls are taken to ABS at six months of age where they are

assigned a PT (progeny test) number. At semen producing age, they are collected and tested in ABS Associated Herds throughout the nation.

After initial use in these herds the bulls are "put on the shelf" for four years to await the results of their progeny test. Those whose daughters produce significantly higher than their herdmates are returned to active service, the remainder are slaughtered.

To date the bulls returned to active service have an average predicted difference of over +800 pounds.

The bulls from the area beginning their testing are: 61506 — Willowland Imperial Knight, bred by Nelson K. Stoltzfus, Atglen; 61518 — Maplebound Perfection, bred by Donald Hostetter, Sodsburysville; 61520 — Zimhaven Ivanhoe Lucky Norm, bred by D. Martin and Loren L. Zimmerman, East Earl; 61529 — Chrome-View Mars-Twin, bred by Howard and Robert Mason,

Nottingham, 61533 — Fultonway Sevens Blitz, bred by J. Mowery Frey Jr, Lancaster, 61543 — Shelmar-Acres Gallant Knight, bred by S.R. Shellenberger, Mount Joy, 61546 — Chrome-View Jupiter, bred by Howard and Robert S. Mason, Nottingham.

The sires of these seven bulls have an average Predicated Difference of +1,082 pounds of milk. The dams will average over 20,000 pounds of milk on all records, +3,900 pounds over their herdmates and have an average classification score of over 88 points.

Penny Saver

A good penny-saving tip is to select quality according to the way you'll prepare and serve the food, says Harold E. Neigh, extension consumer economics specialist at The Pennsylvania State University. Broken pieces of canned tomatoes are a good choice for a casserole and cost less than whole tomatoes.

Congratulations JOHN

John Weaver of Academy Drive, Ephrata, Pa. Holding his LANCASTER COUNTY FFA MARKET HOG RESERVE CHAMPION TROPHY.

John is proud of his FFA Sow and recent litter of potential champions.

Like most youngsters, John's pigs needed to be coaxed for photographing. They cooperated willingly when offered their regular ration of GEHMAN'S PIG STARTER containing Tylan®Sulfa*. In fact they were a "little pigish" about insisting on getting their share plus a little extra of that appetizing pig starter.

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A cow or a steer produces as much waste every day as 16 humans, a hog or sheep as much as two, seven chickens as much as one.

Add up our 12 million milk cows, 100 million other cattle, 20 million sheep, 68 million hogs, and 3½ billion broilers—and the total is a staggering 2 billion tons+4 trillion pounds+of waste a year.

Livestock and poultry produce 10 times more wastes than our human population. Complicating the massive disposal problem is the fact that as much as half these wastes are produced under concentrated conditions.

When herds and flocks were smaller and scattered over wider areas, disposing of livestock wastes was relatively easy. Farmers simply spread the wastes over cropland and did little else to help nature recycle them.

But old-fashioned methods of waste disposal don't work today for a couple of reasons:

—Economic studies indicate that the cost of handling manures makes them no longer competitive in price with chemical fertilizers.

—Many large scale, confinement-type livestock and poultry operations don't have the cropland or pasture on which to spread manure, even if the practice were economically feasible.

How, then, to dispose of livestock wastes? They can't be allowed to accumulate for they give off noxious odors, they're a breeding place for vermin, a source of unsavory dusts when dry and polluting runoff when wet.

Some new ways of coping with livestock wastes may result from the Symposium on Animal Waste Management held late in Sep-

Editor's note: As most farmers now understand, the modern trend toward intensive farming involving larger numbers of animals and birds per acre is creating a mushrooming waste problem. But being aware of the problem is only the first step toward solution. Big questions for individual farmers include: what's the best solution that's still economical for my size and type of operation?

As new information and new equipment becomes available, the best alternatives will change. What's best today may not be best tomorrow—making decisions all the more difficult and risky.

But because of the magnitude of the problem and growing pressures on farmers to solve it, every successful farmer must be alert to what's happening in the area of waste disposal.

This USDA report is a good summary report on the problem itself and some of the key directions in the search to solve the problem.

tember and cosponsored by the U.S. Department of Agriculture, Environmental Protection Agency, Council of State Governments, and the National Association of State Universities and Land Grant Colleges. The symposium was attended by several hundred waste management experts and farmers and ranchers particularly concerned with the problem.

Research on animal waste management is not new—indeed it dates back to before the turn of the century in this country. But most of the early work focused on the use of manure as a fertilizer.

Today scientists are looking for ways to reclaim or recycle wastes rather than just dispose of them.

Here are some of the waste management methods currently in use or under investigation

Land Disposal

When the land's available (and far enough away from nonfarm communities so no one objects) spreading manure on cropland or pasture is still an excellent way of recycling wastes.

Manure contains many essential plant nutrients—especially nitrogen, phosphorus, and potassium—as well as some trace elements not generally found in chemical fertilizers. And

animal wastes, when spread over the land, help build and maintain soil fertility and tilth and cut down on erosion.

Agricultural engineers have been working on ways of improving land disposal techniques—with special emphasis on cutting labor requirements and improving stockpiling procedures.

A big step forward has been the adaptation of the liquid manure system, popular in Europe, to U.S. farming technology. Basically this system calls for flushing the manure into collection pits or tanks and holding it until time for disposal. Then the manure-water mixture is spread on the land by a tank wagon, through a sprinkler irrigation system, or through irrigation ditches.

Lagoons

Another method of recycling livestock wastes involves lagoons—ditches where wastes are dumped to allow aerobic decomposition (breaking down manure with oxygen-using bacteria). The decomposed material can be redistributed on cropland and pastures with irrigation equipment.

The big advantage of the lagoon system is its simplicity and low cost. But there are lots of drawbacks, too.

A poorly designed lagoon can, and too often does, leak fertilizer nutrients into nearby streams, ponds, or rivers. And overloaded lagoons will produce noxious gases and vile odors as the bacteriological decomposition changes as a result of oxygen depletion.

Agricultural engineers are working on ways to improve the lagoon disposal system.

One group is testing modifications of the Pasveer Oxidation Ditch. Developed in Holland to handle human wastes, the Pasveer treatment calls for mechanical stirring and aeration to supplement natural oxidation.

Another possibility: engineers are testing ways of purifying lagoon runoff while making maximum use of fertilizer nutrients.

The engineers have built a series of three basins downhill

from a lagoon. The lagoon runoff flows through the basins where hydroponically grown grasses strain out the solid matter and purify the runoff. The grasses can be harvested as a forage for livestock.

Composting

This ancient disposal method is also coming in for a new look

nowadays. Long popular with home gardeners, composting is catching on with farmers, too, because it's one of the more economical methods of waste disposal.

Composting reduces raw organic material to a loose, workable, odorless nutritive soil

(Continued on Page 13)

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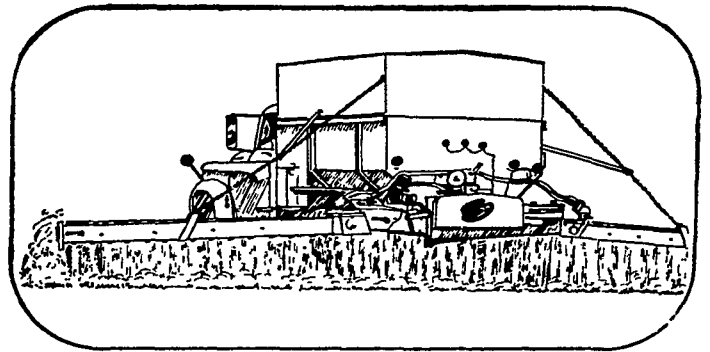
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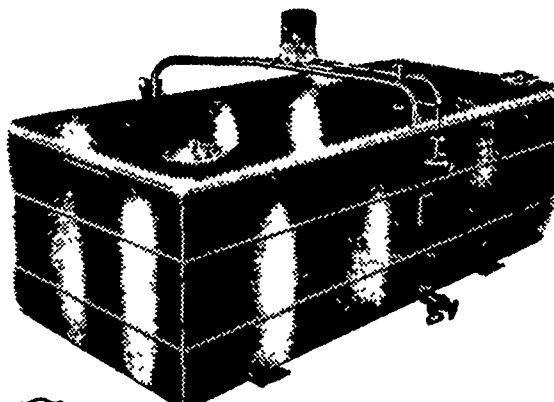
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Farm Waste Problem Grows

(Continued from Page 12)

additive. It also reduces the volume of waste.

Composting of poultry wastes has come in for most of the research. The usual method is to expose the wastes in a field and periodically turn the compost heaps.

But researchers have also done some composting in the poultry house itself. They've taken chicken litter and inoculated it with specially selected bacteria which promote aerobic decomposition. The process is relatively inexpensive, odorless, dustless, and fly-free.

In North Carolina, other

agricultural engineers have developed a proto-type machine that speeds up the composting of two agricultural wastes—chicken litter and sawdust—and yields a soil additive that can be used on lawns, greenhouse crops, and even high-income field crops.

The composted chicken litter-sawdust product looks very much like leaf mold or rich forest soil and it gives excellent results in plant growth studies. The researchers report that tomato plants, for example, showed an increase in dry weight of 400 per cent when grown in a soil mixture containing 10 per cent chicken manure-sawdust compost.

Agricultural engineers have also composted half-ton batches of cow dung and straw bedding. They've ended up with a relatively odorless material 30 per cent smaller in volume and 50 per cent lighter in weight. Further volume reduction can be obtained by compaction and further weight reduction by drying.

Dehydration

A few very large feedlots have begun dehydrating manure, bagging it, and selling it to home gardeners. However, large amounts of manure have to be handled to justify the investment in machinery and relatively high operating costs.

Dehydration is not too practical for poultry manure because the product reeks when wetted.

Animal Feeds

According to some animal nutritionists, processed animal wastes may well be worth more as a feed than as a fertilizer. If this is so, the long-discarded farm practice of running hogs behind cattle may eventually be re-enacted with a modern twist.

Here are some highlights of experimental work being done on recycling livestock and poultry wastes as feeds.

—In Alabama one researcher has gotten good feed efficiency with a beef ration containing 40 per cent cattle manure, 48 per cent whole shelled corn, and 12 per cent ground hay.

The scientist merely scrapes the manure off the feeding floor, blends it with the hay and corn, and ensiles it in a small bunker silo. According to him, fermentation destroys any pathogens and degrades residues of pesticides, antibacterials, and growth promotants that might be present in the manure.

—At the University of Illinois, agricultural engineers centrifuged hog wastes from an oxidation ditch. They report that the wastes contain up to 75 per cent crude protein (on a dry weight basis) and have up to 10

times as much lysine as normal corn.

—Scientists at several institutions are feeding dry or ensiled poultry wastes to cattle, sheep, hogs, or back to the birds themselves. One scientist doing this type of research notes that caged layer manure contains anywhere from 30 to 45 per cent protein — about half of which is true protein while the remainder is uric acid.

Hardin Says Port Strikes Hurting Farmers

A prolonged work stoppage at East and Gulf Coast ports could depress farm prices as much as 25 cents per bushel for soybeans and 10 cents per bushel for corn during the months of October through December, Secretary of Agriculture Clifford M. Hardin said recently.

"This means that soybean growers could lose \$125 million in income, and corn growers could lose as much as \$120 million," Secretary Hardin said. "There would be a further loss of income for livestock farmers, fruit and vegetable growers, tobacco growers and other farmers."

Farmers ordinarily market about 500 million bushels of soybeans and more than a billion bushels of corn during October, November and December, the Secretary pointed out. Ordinarily, he said, export markets would take about 80 million bushels of soybeans and 105 million bushels of corn during this period, and about 80 per cent of these soybeans exports and 75 per cent of these corn exports ordinarily move through East and Gulf Coast ports that are now closed.

"Last year, during October and November alone, the flow of agricultural exports through this same group of East and Gulf Coast ports that are now closed totalled about \$70 million per week," Secretary Hardin said. "While the strike continues, the stoppage of this flow of crops backs clear up to the farm gate. This backup not only results in depressed prices and loss of income for farmers; it also seriously disrupts established export markets that are so vitally important to our balance of trade and our agricultural economy."

The Secretary said that for months bills to deal more effectively with strikes in the transportation industry have been before the Congress - H.R. 3596 and S. 560, The Emergency Public Interest Protection Act.

"President Nixon supports these bills," he said. "In testimony on September 28, before the Sub-committee on Labor of the Senate Committee on Labor and Public Welfare, the U.S. Department of Agriculture strongly endorsed S. 560."

"The threat of grain prices being further depressed, resulting in further loss of farm income, clearly shows the urgent need for legislation of this kind."

Raising Veal Calves Is Topic at Ephrata

Robert Cody, Agway calf specialist, will be guest speaker at the Ephrata Young Farmers educational meeting at 7:30 p.m. November 9 at the Ephrata High School vocational room.

The talk on "Raising Veal Calves" will be followed by a tour of the Norman Leininger operation. Cody will discuss housing, feeding, manure handling and ventilation systems.

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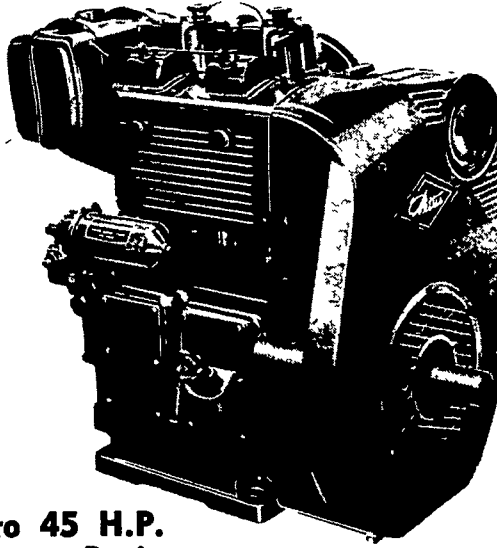
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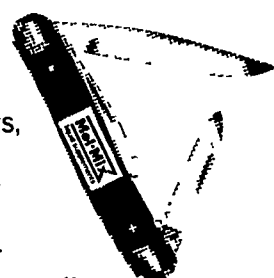
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Palmby Speaks on Role of Farm Exports in U.S. Economy

Editor's Note: While the following speech made recently by Clarence D. Palmby was geared specifically for a California audience, we think it is an excellent summary of many recent statements by USDA and other government officials on current U.S. farm policy. Palmby is U.S. Assistant Secretary of Agriculture for International Affairs and Commodity Programs.

Assistant Secretary of Agriculture Clarence D. Palmby said recently that California farmers, by doubling their export of farm products in seven years, had made a "powerful contribution to the U.S. balance of payments."

Palmby, speaking at a luncheon of the California Council for International Trade, said that California's share of the Nation's record \$7.8 billion in farm exports in fiscal year 1971 amounted to \$555 million. Most of these were commercial sales for dollars.

About one-third of California's exports were fruits and preparations — shipments amounting to \$184 million. The other leading commodities were rice at \$63 million, nuts at \$60 million, cotton at \$56 million, and vegetables and preparations at \$52 million.

"California's record farm export of \$555 million puts her in third place among all the great

farm States. Illinois ranked first in fiscal 1971, with agricultural exports valued at \$655 million. Iowa was second with \$592 million.

"In fiscal 1971, U.S. farm exports reached a record high of \$7.8 billion—a rise of \$1 billion over the preceding year. All but about \$1 billion of this was commercial sales for dollars—also an all-time high. During the same year, agricultural imports were \$5.8 billion—about two-fifths of this amount being bananas, coffee, rubber, and other commodities that are in no way competitive with U.S. production.

"U.S. agricultural trade thus produced a commercial surplus of over a billion dollars last fiscal year while most other categories of trade were in deficit. Certainly this portrays the importance to our national economy of a continued high level of agricultural exports.

"More than anything else, it was a decline in our overall balance of trade in recent months that called into being President Nixon's New Economic Policy. The new policy is a courageous and imaginative effort to make the U.S. economy more competitive in the world, and already there are signs of improvement.

"It will not be easy to set right a problem that has been growing for several years, but the President has set us on a new direction—with the gold float and the import surcharge. If the result is a more equitable alignment among the world's currencies, U.S. agriculture has a great deal to gain.

"In the years immediately following World War II, there was no question about the value of the dollar. This country was the supplier—in many cases the only supplier—of many farm and nonfarm commodities. The dollar was the means of purchasing these goods, and was valuable without question.

"As time went on, and the European nations recovered, this changed—slowly and without always being accurately measured. By 1960, it was evident that foreigners held an amount of

dollars that exceeded the value of our gold holdings. Since that time, there has been a rather steady erosion of the U.S. reserve position. U.S. reserves have declined by about \$7 billion since 1960, while those of the rest of the world rose by about \$40 billion.

"During the early and middle 1960's, the balance of payments deficit usually ranged between \$1½ billion to \$3 billion a year depending on how you measure it. In 1969 and 1970, the balance of payments picture was mixed, with some measurements showing improvement and some showing a deterioration. Fortunately, the trade component of this balance stayed on the positive side, helping to offset the negative balances on tourism, government loans, and overseas investments.

"But by early 1971, even our trade balance was running in deficit month after month. It was apparent that, without strong action by the United States, we were in for our first annual trade deficit since 1892—about \$2 billion. This would have been a slump of more than \$8 billion from the comfortable surplus of \$6½ billion that we had as recently as 1964. With the trade balance in trouble there was no longer any doubt that the dollar was in difficulty.

"The causes include factors both inside and outside the United States. The internal causes include sharply rising costs of production not matched by gains in productivity, accompanied by persistent unemployment and inflation despite U.S. efforts to correct these problems. At the same time, we were handicapped in dealing with monetary problems by the fact that the U.S. and the dollar have such a key role in the international monetary and payments system. We were also hindered by the defense burdens we carry overseas and by certain trade policies developed during the post-war years as we helped other countries to rebuild their economies.

"At any rate, we were faced with the likelihood of a staggering deficit and the

balance of payments if all these trends were allowed to continue. Hence the courageous and forward-looking actions by the President to set the U.S. on a new and positive course—the most important shift in economic policy in almost four decades.

"Already we have seen certain corrections in the system of exchange rates, and perhaps most important, the nation is moving forward with new confidence and a new spirit as we look toward being really competitive in years ahead."

Assistant Secretary Palmby said that American agriculture wants and needs to make an even greater contribution to the nation's trade balance—"but if this is to happen we must continue working toward an open trading world that favors efficient production and comparative advantage."

He said that California producers had much to gain from an extension of liberal trading policies in the world. There is ample evidence, he said, of the benefit that can come to California producers as trade barriers are lowered. Lemons, raisins, and almonds were cited as examples.

"California is to be congratulated for the work that your people have done to develop

the overseas market for fresh lemons, raisins, and almonds. The growth of this trade, particularly with Japan, shows how much benefit can come to your state as a result of trade liberalization.

can be repeated for fresh grapefruit. After years of effort, by trade groups as well as government, Japan has liberalized the import of fresh grapefruit, and we are of course very pleased to see this. The U.S. Government continues to press, as it did last week in Cabinet-level meetings with the Japanese, for the removal of all remaining restrictions on U.S. imports into that country."

Palmby said he hoped that cotton producers in California, as well as other states, would plant larger acreages next year. He said:

"The new cotton program, authorized by Congress last year, gives producers the opportunity to produce more heavily for the export market. Current prices and the price outlook are favorable. I hope that the combination of opportunity and price will encourage growers to plant and produce more cotton in 1972."

Prospects are for a 1971 cotton crop that will fall short of disappearance. The same is true for world production and use.

Farm News Brief

Ketosis, displaced abomasums or breeding complications may be brought about as a direct result of feeding cows on diets lacking a proper hay ration, according to Dr. Samuel B. Guss, veterinarian with the Pennsylvania State University.



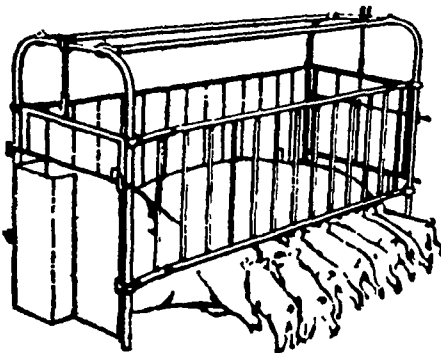
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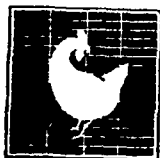


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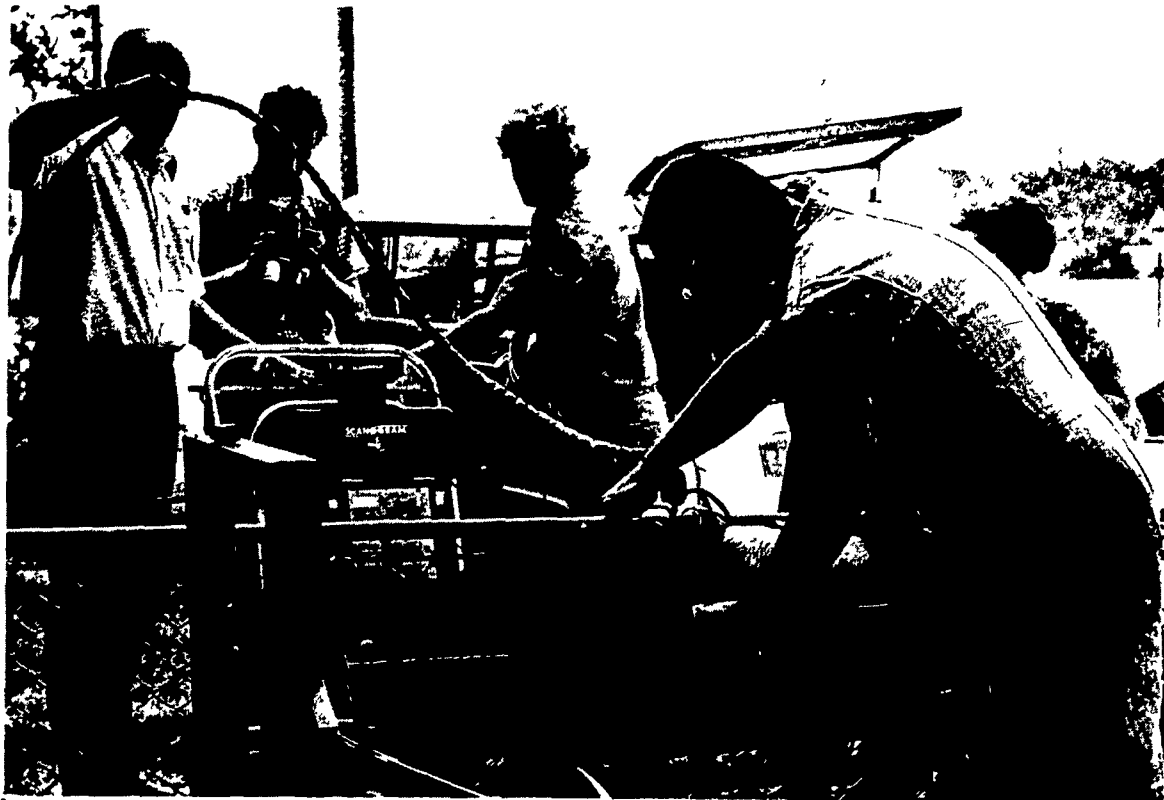
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Sonar Used to Judge Hog Carcasses in Delaware



Dr. Richard Fowler, Extension livestock specialist at the University of Delaware, right, uses the Scanogram electronic

animal tester to check the amount of back fat on a live hog.

Sonar was once used to find enemy submarines.

Now, it can tell Delaware pork producers which hogs are meaty and fast growing.

The Scanogram is an electronic animal tester owned, in part, by the Cooperative Extension Service at the University of Delaware.

It's being used in one of the first such swine programs in the United States to improve breeding stock, according to Dr. Richard Fowler, Extension livestock specialist.

As consumers demand less fatty pork, more hog markets are willing to pay a premium for high grade yield pork. Two such Pennsylvania markets alone can absorb more than the 80,000 hogs sold each year from Delaware, Fowler says.

But, the only way to get consistently meatier, fast growing hogs is to breed for these qualities. And that's where the Scanogram can help.

A quick pass down the boar or gilt's back and Dr. Fowler can measure the back fat and loin eye. The more muscle compared to fat, the meatier the hog.

Fowler says the measurements

agree very closely with carcass measurements—within less than one-tenth inch for back fat and four-tenths square inch for loin eye.

Of course, the Scanogram is only one tool in choosing meatier hogs; conformation and other factors also count, as in the past.

For greatest accuracy, boars should be tested when they weigh between 180-240 pounds, Fowler says.

A premium price at the market is not the only reason to breed for meatier type hogs, he adds. Even hogmen who sell at markets which offer no price incentives can profit.

These hogs are typically fast growing, they convert feed to meat more efficiently. They save dollars where it counts.

The University of Delaware charges a minimal fee for the Scanogram test program. "The charge of \$1 per head just covers the cost of film and oil for the machine," Fowler says.

The \$6,000 Scanogram is jointly owned by the Universities of Delaware and Maryland, the Maryland Beef Cattle Association and the Maryland Pork Producers.

WASHINGTON REPORT

Congressman Edwin D. Eshleman

16th District—Pennsylvania



The United Nations vote which admitted Red China and ousted Nationalist China was the first major change in that international body in its 22 year history.

It was an action which disappointed me personally, but one which I think demands a rational rather than a punitive

response on the part of our country.

However, I do think that we must respond to the realignment of power in the U.N.

We should not do what some Congressmen have advocated and withdraw our backing of the world organization. But neither should we accept what has taken

place without reassessing our political and financial role.

The Red China vote presented us with several new realities in the U.N. Above all, with the admission of Red China, we have the reality that a new major power has been added to U.N. deliberations. And, with the way that admission came about, we must accept the reality that the era of United States predominance within the U.N. is probably at an end.

Those realities should be the basis of our national reassessment. Because the nations of the world have now shown that they are capable of demonstrating their political independence within the General Assembly, it may be time for us to ask that they also demonstrate their financial independence. The best way of doing that would be to ask that all states now be required to pay up back debts owed for U.N. activities. This would assure that a revitalized U.N. based upon political individualism also will be a responsible U.N. based upon fulfillment of obligations.

We also must consider that the addition of Red China to the world body should result in a drastic change in the entire budgetary picture of the United Nations. Nationalist China, as a member state, was picking up about four percent of the U.N. operating costs. That assessment was based upon her representation of the whole of China and her national income of approximately \$5.5 billion dollars.

On the other hand, Red China has a national income of \$121 billion dollars. Therefore, as the representative for the whole of China, she should be capable of picking up a larger portion of the U.N. operating costs.

There is a good deal of evidence that the United States has been picking up a disproportionate share of the U.N. expenses for too long. Perhaps one reason we have been willing to do so was that we recognized the inability of our ally Nationalist China to pay in accordance with the power she held.

However, with the drastic change in the U.N. picture, Congress may consider revising our spending for U.N. activities downward in proportion to Red China's ability to pick up a greater share of the operating budget.

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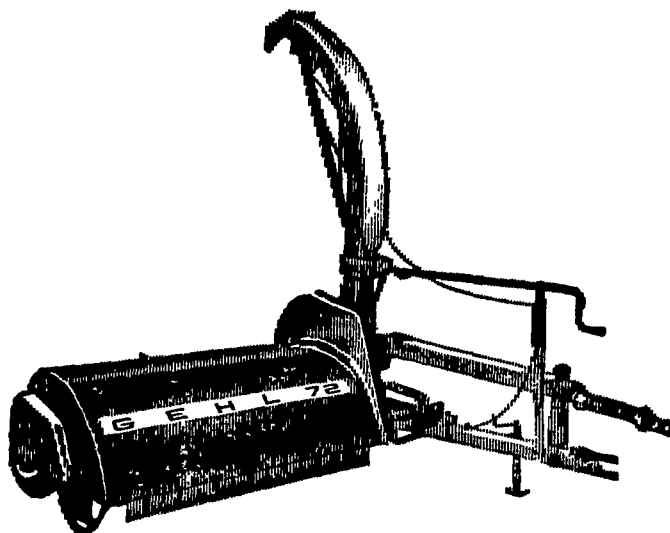
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Eastern Cooperative Urges Milk Referendum Not Be Held

An overwhelming majority of Pennsylvania dairy framers attending a public hearing held by the Pennsylvania Department of Agriculture in Harrisburg on October 28 were reported to have been opposed to mandatory deductions from their milk checks for the purpose of milk advertising. However, the same informant noted that many of those testifying for farm organizations were in favor of such a program, reports Eastern Milk Producers Cooperative.

Arden Tewksbury, a dairy farmer from Meshoppen, Pa., and a member of the board of directors of Eastern Milk Producers Cooperative Association, entered testimony on behalf of the Association in opposition to the proposed dairy marketing development program being considered and to holding a referendum among Pennsylvania dairy farmers to seek its adoption.

Tewksbury testified that the 9,000 member Cooperative's reasons for opposing mandatory deductions for milk advertising were numerous.

"Eastern Milk Producers, while supporting the individual right of each producer to support advertising programs if he so desires, is strenuously opposed to the adoption of any program which mandates producer support of such expenditures. The survey results of Eastern's membership dictates the above policy.

"Eastern opposes the use of bloc voting by cooperatives as a means of railroading a mandatory advertising program into existence. This is a deliberate scheme to permit what may be a minority of farmers to counteract the will of the majority and force producers to participate in a program they oppose and one which many cannot afford. It, in effect, turns over to the cooperative the right to levy a direct tax on a producer's milk check in a way that not even a creditor or the sheriff of a county can do.

"Pennsylvania dairy farmers already have voiced their opposition to a mandatory advertising program. Before its recent amendment, the Pennsylvania Agricultural Commodities Marketing Act of 1968 called for a referendum of individual producers affected by a proposed program. Bloc voting by cooperatives was not permitted. Before a mandatory program could be put into effect, it had to be approved by not less than 66 - 2/3 per cent of the volume of milk produced by those participating in the referendum.

"About two years ago, a mandatory program like the one currently under consideration was put to a referendum vote. The result was that 54 5 per cent of the 10,000 producers voting, representing 50 2 per cent of the volume of the milk produced by those voting, were opposed to the adoption of the proposed program. No new attempt should be permitted to railroad such a program through under a new monopolistic voting procedure requiring only a simple majority instead of the previous 66 - 2/3 per cent approval.

"There is no conclusive proof that a program of non-brand advertising will benefit Pennsylvania dairy farmers in any way. Dr. Leland Spencer, Professor Emeritus at Cornell University, recently testifying in a New York dairy promotion hearing, noted that in a study he did back in 1963 on the history of milk advertising he could find no objective proof of the value of advertising. Until such proof exists, producers should not be asked to vote on or support such a

program.

"The priority being placed on advertising is totally misplaced. More urgent problems face the dairy industry today and they should be dealt with before a compulsory advertising program is even proposed for our consideration.

"For example, the need for better quality milk made more available to consumers." Another cause for the current decline in milk consumption could be attributable, in part, to the instability of our economy and the general unemployment situation.

"Certainly, before we spend our hard-earned money on advertising, we had better find some way to assure that any

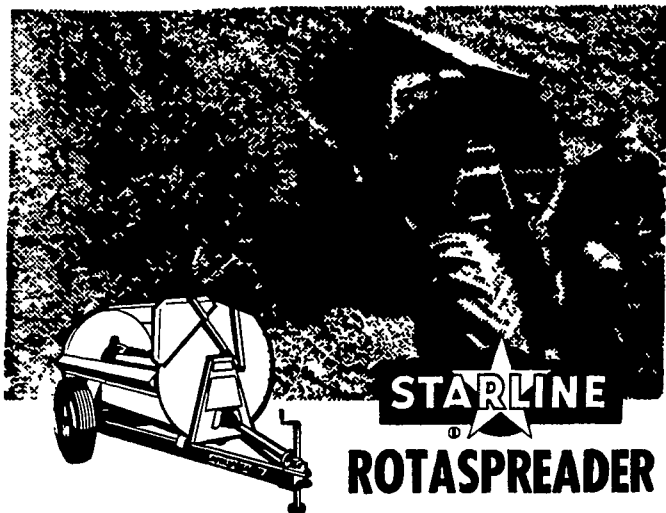
benefits derived from the program will accrue to Pennsylvania dairy farmers. Otherwise, outside milk will just flood our markets."

For the foregoing reasons, Tewksbury said, Eastern Milk Producers respectfully urged the Secretary of Agriculture to refuse a referendum on this issue at this time.

Tewksbury reminded the secretary that in his recent column in the "Weekly News Bulletin", on October 21, he took pride in noting the appearance of a "dirt farmer" before a recent Congressional hearing. He characterized the appearance as "an honest-to-goodness example of what a democracy should be all about". He summarized his story by stating that "someone has to start listening to the dirt farmer . . . now!"

"Why not apply this same concept of democracy in the Commonwealth of Pennsylvania and listen to what the rank and file dairy farmer has already told us in the 1969 referendum, concluded Tewksbury.

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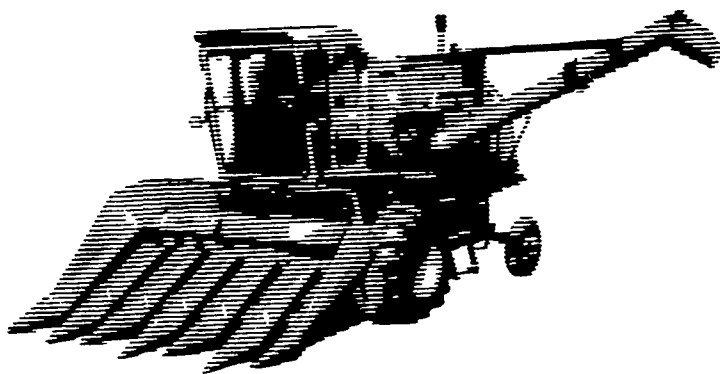


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Using Purina Check-R-Mix* formulas we can build you a low-cost dry cow ration, combining Purina Dairy Conditioner with your grain. Or, if you're feeding low-protein roughages, it may pay you to feed Dairy Conditioner "straight" — just as it comes from the bag.

More and more successful area dairymen are proving that good dry cow feeding pays off in extra cow condition — and extra milk production in the next lactation. For example, 100 to 200 pounds of additional body weight at freshening can pay off in 1,000 to 2,000 pounds of extra milk during the lactation.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to point out how Purina Dairy Conditioner Special can help prepare your dry cows for good production at low cost.

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Editor's Desk

The following is a book review by S. W. Martin in a column called "Bifocals" in the summer 1971 issue of *Better Crops With Plant Food*. While we can't speak on the book itself, we think the

book review represents a spirited appeal for the attitudes and values which have made our increasingly efficient farm economy possible:

GEORGE SHUMAN was not a

man of political or financial or educational prestige. He was "just" an Illinois farmer.

No eternal flame or marble shrine marks his grave in Woodford County. But today's generation owes George Shuman and his wife, Lucretia, a debt.

This Midwest couple embodies that handful of stalwarts who first trusted the early advice of America's agricultural colleges—sturdy folks strong enough to shed an open tear of pride as their first son received his college diploma 50 years ago.

For every Shuman there were 100 scoffers who would not listen to science in the early days—so stubborn many farm journals would not put a scientist's college connection under his byline.

Not George Shuman. He often lifted his son to his knee to read him pamphlets from Dean Davenport and Dr. Cyril Hopkins at the agricultural college. In 1907, he took his young boy to town to hear Dr. Hopkins.

There the great scientist used potted plants to show corn's greedy appetite for NPK—a

dramatic stunt for 1907. A half century later George Shuman's son used the same tool to show villagers in India how much their crops craved NPK, especially on soils weary from 3,000 years of production.

That son, Frank, has now written a book he calls *DRUM BEATS OF CHANGE*. On the copy he sent us, this one-time vo-ag teacher, county agent, and USA soils missionary scribbled in one sentence the past and future of mankind:

"The final crop of any soil is PEOPLE and the SPIRIT of the people."

Frank Shuman's book is different—130 living anecdotes of human nature at work in America's breadbasket and among South Asia's teeming millions. But it is more than Illinois and India and Afghanistan. It is the story of mankind, in a sense.

The story of a boy whose father worked all night with an untamed filly to SHOW his son what patience and self-discipline can do . . . who fed two fine shotes different diets for 100 days to SHOW him what deficiency and balance mean . . . who used his new 1908 pocket knife to SHOW his son nodules on roots of a new wonder

crop called alfalfa . . . who helped his son handhoe corn from Monday dawn to Saturday dark to SHOW him a tide of weeds brought in by a 3-week rain could not conquer the Shumans.

It is the story of a father who used his end of a 5-foot saw at post-cutting time to plant values in his young boy's mind: "Look on your neighbor to find his soul and not on his garment to detect a hole."

Simple, very square for today, but a principle that made George Shuman's son a successful and, more important, a happy man at work for people.

DRUM BEATS OF CHANGE tells what a young vo-ag teacher did when he found triangular hog rings clamped to the eyelids of chicken-eating sows at the home of a poor student with a stubborn father. What he did when an angry dairyman turned his shot gun on the county veterinarian come to test cattle for tuberculosis.

Frank Shuman pulls no punches—about the hurried dairyman rinsing his milk buckets in the green scum and filth of the horse tank so he could get to the Sanitary Milk Producers meeting in time.

Shuman helps the mature remember and the young understand what it felt like to wake up in 1932 and find corn bringing 10c a bushel and hogs 3c a pound, while two bankers waited for the mortgage.

He tells it in human terms, not in cold statistics—of family farms put under the auction hammer, of cunning speculators buying them up and getting shouted out of farmers' meetings when griping about "government in business."

The cunning did not like a man named Franklin Roosevelt. Mr. Shuman does not mention this president, but history does.

And Shuman explains why the Production Credit Association was created under FDR—in a day when the only farmers who could get credit were those who could prove they didn't need credit. Why Rural Electrification (REA) was created under FDR—in a day when "Electric Utilities refused to service farmers until they were threatened with a competitor whose arms were held up by the Federal Government."

Frank Shuman tells it like it was—how scores of farmers, long told they had enough "natural" potash for 2,000 years, were jarred when a potash demonstration more than doubled the corn yield on a leading farm.

Neighboring counties started hollering for potash trials, until a state-wide chant made K no longer a step child of the Illinois fertility system.

DRUM BEATS OF CHANGE is the story of a county agent whose mind was always open to change. To the Hopkins idea that we must put back all, not some, not most, but ALL the fertility our crop takes off . . . to the Bray idea that organic matter could be maintained with continuous corn, of all things, by plowing under stalks and residue and feeding (fertilizing) the bacteria that rot the stalks.

A popular practice today—but not the night Dr. Bray advised it in Frank Shuman's county nor the morning the newspaper editor called Shuman for "a statement."

It is the story of a man who did not fear . . . the story of one of God Almighty's natural-born teachers whose Maker apparently never freed him to pursue positions and wealth and power and the other phantoms between the two childhoods of man.

Instead this unfreed man found himself standing on India's Gangetic plain one afternoon in

(Continued on Page 19)

AGWAY

GARDEN SPOT UNIT ANNUAL MEETING

Monday Evening, Nov. 15, 1971

7:30 Farm & Home Center

-Guest Speaker - Mr. George Steele, President of Agway Board

-Election of four member committeemen

-Management Reports

-Selections by Marlene Hershey and Daughters.

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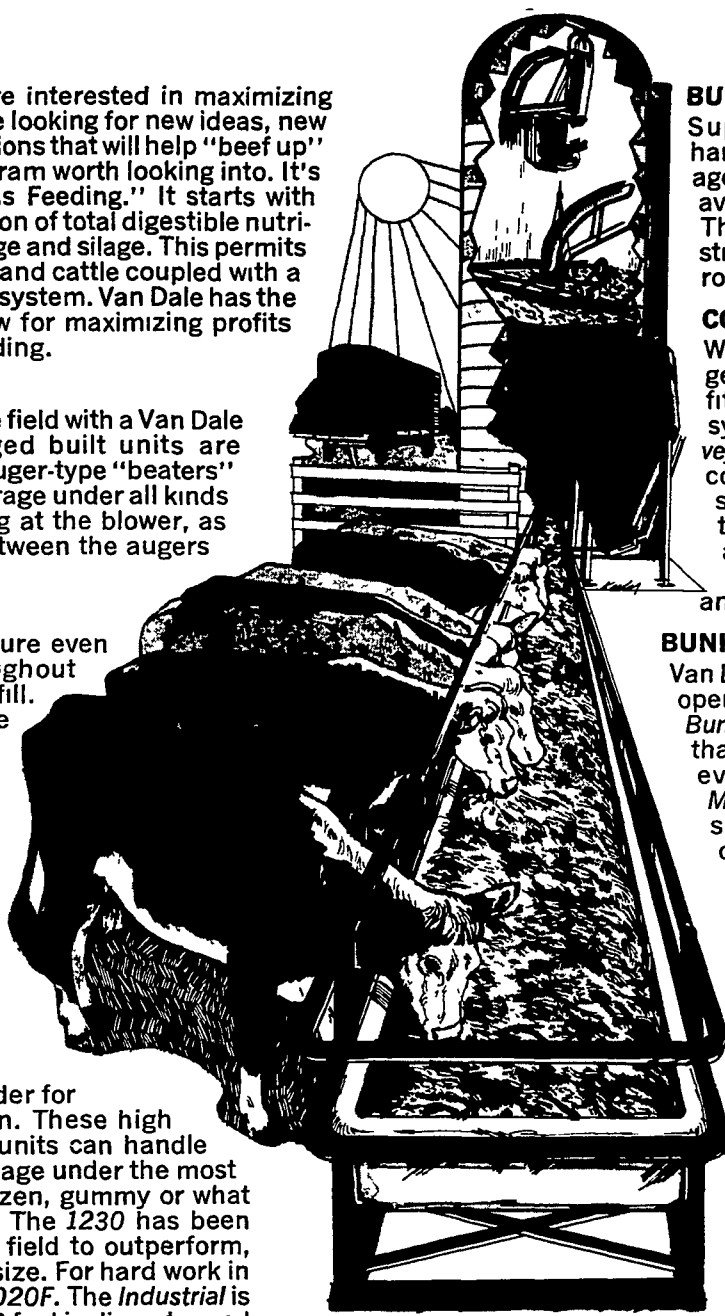
So let's bring it in from the field with a Van Dale Forage Box. These rugged built units are equipped with exclusive auger-type "beaters" that deliver all kinds of forage under all kinds of conditions. No clogging at the blower, as the forage is metered between the augers—not over the top!

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Van Dale distributors insure even silage distribution throughout the silo for a maximum fill. The 1640 Power-Fil's unique revolving deflector plate diverts the explosive force of incoming material and spreads it evenly in a continuous sweeping pattern to the wall. The 538 operates in an elliptical motion, directing forage to the outside walls of the silo. Varied spout rotation speed allows for even fills.

SILLO UNLOADERS

There's a Van Dale unloader for every feeding application. These high performance twin-auger units can handle virtually any silage or haylage under the most adverse conditions . . . frozen, gummy or what have you, and do it fast. The 1230 has been customer-certified in the field to outperform, and outlast any make its size. For hard work in smaller silos there's the 1020F. The Industrial is built for silos from 20 to 40 feet in diameter and has a capacity up to 40 tons per hour.



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BUNK FEEDERS

Van Dale has a bunk feeder for every operation. The SCF 1400 Traveling Bunk Feeder is a single chain unit that will carry and feed virtually everything. The Mammoth 14 Multi-Feeder is an auger type designed especially for multi-lot operations. The 934 and 1234 Auger Bunk Feeders are the sturdiest, smoothest operating, lowest cost feeders ever produced. Then, there's the stainless steel Shaker Feeder. A combination feeder and bunk designed for single-lot operations.

Van Dale Systems Feeding comes down to one word . . . efficiency. Van Dale offers various models and sizes of feeding equipment to most efficiently match the needs of every feedlot layout . . . old or new, large or small. Check with your Van Dale dealer to see what you need to maximize your profits. And ask him about Van Dale's new agri-leasing program.

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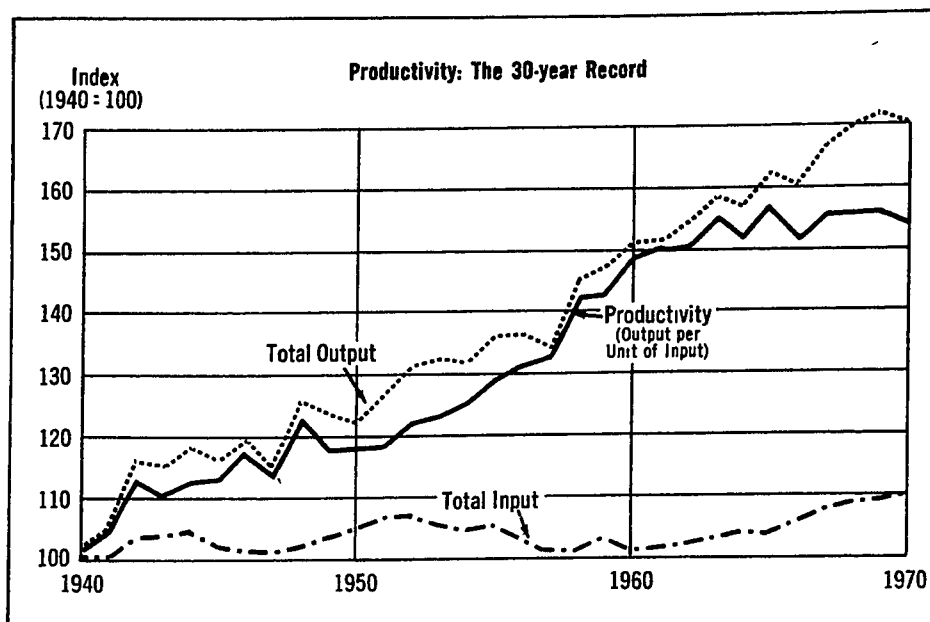
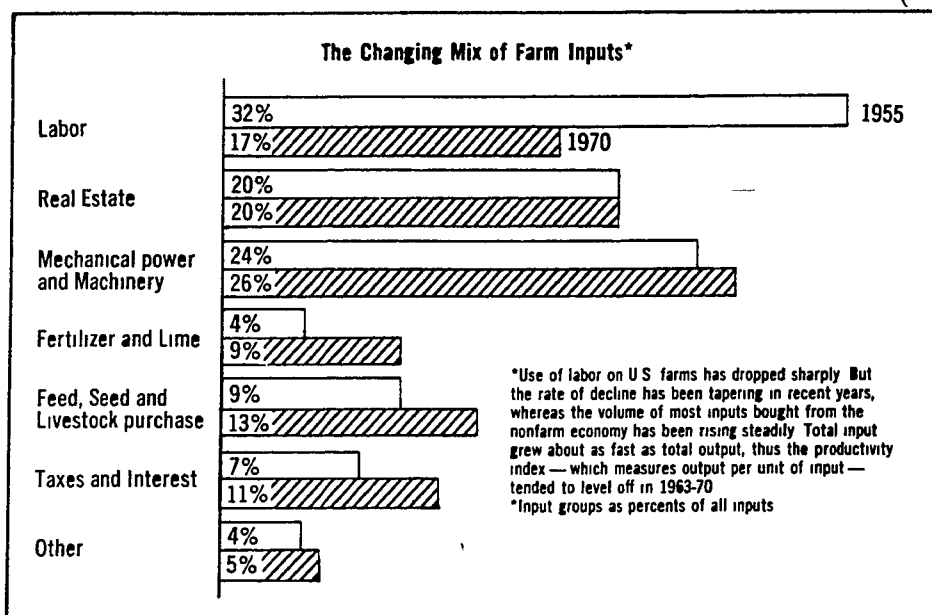
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Farm Productivity Levels -- USDA Analyzes Why

The rate of output per unit of input has remained about the same since 1963. However, this could change quickly with the introduction of new technology to come.

When an industry has been showing gains in productivity for a number of years, statistics that indicate otherwise will raise some eyebrows ... and a lot of questions. Both reactions are stirred by the recent trend in U.S. agriculture's productivity.

After heading upward for more than a decade, the productivity index in the early 1960's began to lose thrust. For the sixties as a whole, the gain was small by comparison to the phenomenal rises during most of the forties and fifties.

The productivity index measures total agricultural output per unit of all inputs used in production or charged to the farming industry. When output and input advance at the same rate, the index stands still.

In many years during the 1960's the productivity index did go up—reaching record peaks twice.

However, a review of the decade's performance showed productivity rose by only 3 percent, versus 26 percent in 1950-60 and 18 percent in 1940-50.

Production itself went up over 13 percent in the decade of the 1960's. So, the lack of buoyancy in the productivity index suggests no immediate threat to our capacity to produce farm products. Actually, total output could jump sharply and quickly by increasing the acreage in crops.

In 1970, farmers used 336 million acres for crops, 50 million fewer than in 1949. Most of the 50 million acres went into government diversion programs. Much of this land could quickly return to production at little added cost. Also, the Nation has a quarter billion acres of land in uses other than crops that is considered suitable for cultivation. If there were the economic incentives to do so, a large part of this acreage could also be brought into production.

Is the letup in productivity gains only temporary? No one knows for sure. But a similar question might have been asked back in the late 1940's, when the productivity index showed the same sluggishness as in the last

half of the 1960's. The index resumed its skyward course around 1952.

Generally, technological developments spark productivity increases. Major ones—like the transition from horses to tractors, and from open-pollinated to hybrid corn—have repercussions lasting for decades.

The 1960's did not usher in major scientific breakthroughs for agriculture, although there continued a steady stream of improved farming method. These acted to buttress the index. However, in any one year, unfavorable weather or disease infestation may cause productivity to sag. Such was the case in 1970, when drought in part of the Corn Belt and Southern corn leaf blight in much of the rest of that region resulted in a 2-percent decline in the index.

There are several explanations for the slowdown in the 1960's that have to do with certain structural changes spurred by the new technology. One explanation related to economies of scale.

As the size of a farm operation increases, at first the costs per unit of output go down. At some

point, the least-cost level of production is reached. This level varies by type of farm, and with the technology available to farmers at any one point in time.

Obviously, it takes a bigger field or a bigger hen house to efficiently use modern equipment. With the advent of sophisticated machinery—four- and six-row equipment and the rest—farmers expanded. Since World War II, the average farm size has grown from 195 acres to about 390. Meanwhile, numbers of farms were cut by more than half to around 2.9 million.

In the process of growth, many farms became of such size that output per unit of input did not increase as fast as it had when these farms first began to employ modern machinery, hybrid seeds, fertilizers, pesticides, etc. Some farms in the 1960's had approached the point of least-cost production.

Other farms kept on growing past the point of least-cost production. By producing more units they were able to take a lower profit per unit and still have a larger total income. These farms tended to hold down the

average increase in the productivity index of all farms.

Even though many farms have achieved maximum economies of

scale with present technology, the point of least-cost production could shift again with technological break-throughs.

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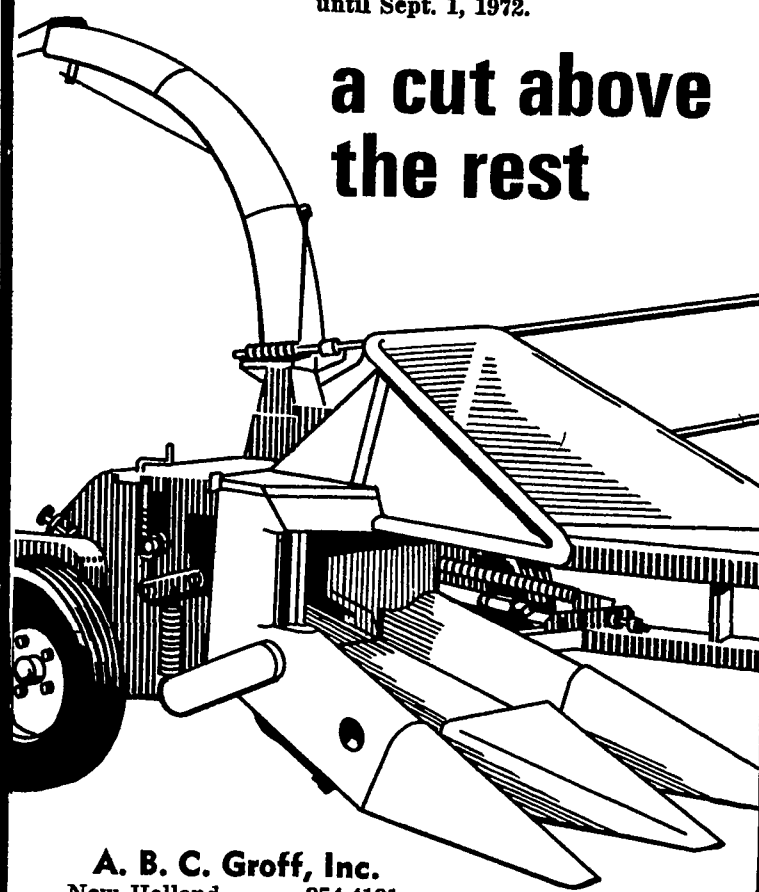
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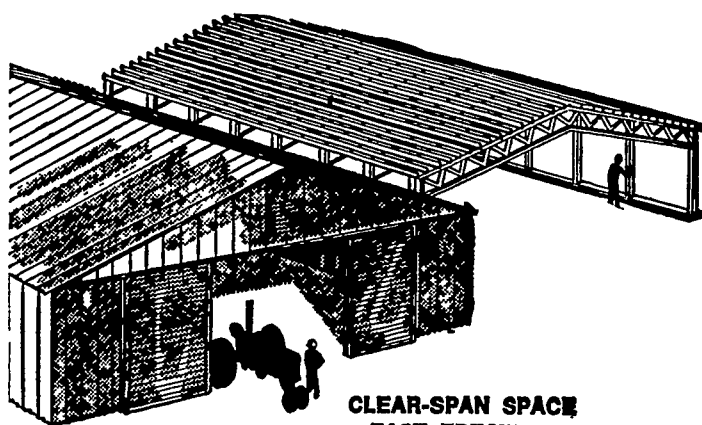
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Penn Manor Play Set

Penn Manor High School and the Senior Class are presenting the play "Up The Down Staircase" at 8 p.m. November 19 and 20 in the High School Auditorium in Millersville. Admission is \$1 for adults and 50 cents for students.

Across the

Editor's Desk

(Continued from Page 17)

1953 with two suitcases and three decades of enthusiasm from helping people help themselves.

And for another decade he gave southern Asians the best he had, in mind and heart, teaching them (and sometimes himself) much about soils and fertilizer and flies and roosters and love.

It is the story of a great teacher convincing peasants and

professors alike that seeing is the best believing . . . that rigid standards should never stifle imagination . . . that the lowliest man can have a good idea and work his heart out for it when recognized . . . that no project should exclude women and children because the home is fundamental . . . that local leaders are the best promoters . . . that good teaching knows no

classes or races and a good Extension man gets his hands dirty proudly so . . . that one thing well done is worth a dozen half done . . . that self-reliance beats government dole every time . . . that no villager is ever inferior and no university leader ever superior in the end.

It is the story of a man willing to befriend the people he helps—to celebrate their holidays, to play games with their children, to dance around student fires, to take their dousings in colored water, and to "baptize" them with his own water and fun.

A man breaking into song beside a miraculous fertilizer plot, soon joined by a young specialist harmonizing the people's national anthem in their own language as peasants stand deathly still to listen.

A man called a fool by a village mother-in-law returning later to say, "I have changed my mind . . . I did not understand . . . the field is beautiful!" And it was.

A man using less than \$3,200 for his fertilizer and seed in one land where survey-happy committees had dumped \$38 million into a valley that became a graveyard for huge tractors, plows, combines, and other machines—because the people were not FIRST taught efficient water use and fertilizer application.

A man declining a VIP dinner at the governor's mansion to get in a last visit with remote students using NPK pots and skits to act out the value of demonstration.

There is a mighty wholesomeness about this book.

Lancaster Farming, Saturday, November 6, 1971—19

PFA Committees Named

John R. Pitzer, president of the Pennsylvania Farmers Association (PFA), has announced committees at the PFA 21st annual meeting November 7 to 10 Camp Hill.

Among local persons serving on the committees are: Mr. and

Mrs. James Garber, Mount Joy, and Mr. and Mrs. Jay Coble, Hershey, host committee; William R. Myer, Myerstown, chairman of the nominating committee.

Members of the policy development committee include: Arthur D. Hershey, Cochranville; William Guhl, Oxford, and David Brandt, Annville

This is what good men are, what they do and how they live and share and leave the earth richer than they found it.

This is what unselfishness means, a willingness to carry their know-how into foreign valleys flooded with millions of people speaking hundreds of dialects . . . to reach remote villages by worn-out jeep and bike and sometimes by foot . . . to teach with a bag of fertilizer and a bucket of seed . . . to pat a peasant shoulder for trying to show others it will work . . . and never to lose heart or hope.

This is human nature's finest hour. This is what man must not lose, if he is to survive.

I don't know how many George and Lucretia Shumans are being born on the earth this morning to raise future sons to become "just" simple teachers of men.

But I hope to God enough to keep saving man from himself. This book can be purchased for \$5.50 (includes mailing and tax). Write: Drum Beats Of Change, 1601 Ridge Road, Champaign, Illinois 61820.

Agronomy Workshop Set, Nov. 16

The 1971 Agronomy Dealer workshop will be held at Fleetwood Grange, Berks County, Tuesday, November 16.

The meeting will begin promptly at 10 a.m. and adjourn at 4 p.m. Coffee and donuts will be served at 9:30 a.m.

The morning program will emphasize agricultural services and stress that service is the key to repeat business. The discussion will include use of soil testing, forage analysis, plant tissue analysis, plant disease clinic, linear programming, and records programs.

The afternoon program from 1:30 till 4 p.m. will stress chemicals for agriculture. Entomologists, pathologists and agronomists will discuss the use of insecticides, fungicides, herbicides, and plant nutrients in producing high yields of top quality crops.

4-H Capon Exhibit Set

A 4-H dressed capon exhibit will be held from 10 a.m. till 11:30 a.m. Tuesday, November 9 at the Elks Club, 219 N. Duke St., Lancaster.

Exhibitors will be guests of the Lancaster Kiwanis Club for the noon meal. Awards and trophies will be awarded during the meal. Birds will be sold to Kiwanis Club members.

Longest Bridges

The four longest bridges in the United States are the Verrazano-Narrows, New York; the Golden Gate, San Francisco; the Mackinac, Michigan; and the George Washington, New York, in that order.

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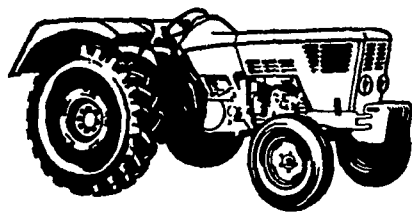
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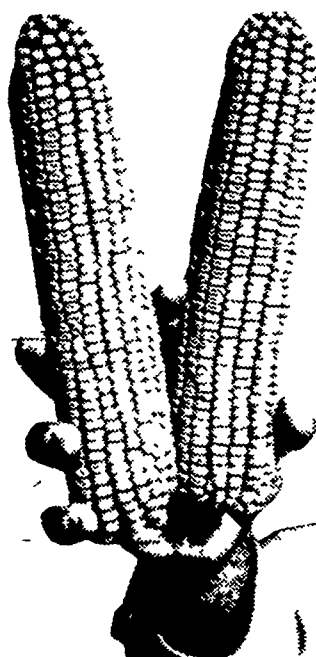
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Mrs. Aaron Denlinger Is Active in Lancaster County Farm Women Society

By Mrs. Charles G. McSparran
Farm Feature Writer

Mrs. Aaron H. (Mary) Denlinger, Oak Hill Drive, Paradise, is completing her two year term as first vice president of the Society of Farm Women of Lancaster County. She took part in the annual meetings, as well as county board meetings.

At the same time she has been serving this office she served as program chairman.

She is also finishing four years as pin custodian for the Society of Farm Women of Pennsylvania.

Any one of these is a job in itself.

As is the custom of advancement in the county organization, Mrs. Denlinger was promoted from second vice president to first vice president. Today, at their annual meeting, their new county president will be selected. Mrs. Denlinger also served as treasurer of the county Farm Women.

Mrs. Denlinger has been an active member of Farm Women Society 7 since about 1940. She served two year terms as treasurer, vice president, president and on various committees of this Society.

This Society was organized in November, 1921 and celebrated its fiftieth anniversary last month with a luncheon meeting and fashion show entitled "Walking Through The Past Fifty Years of Farm Women No. 7 With Fashions." Members of the Society modelled fashions popular from 1921 to 1971, including many of the latest fashions.

Farm Women Society 7, with a membership of 47, supports an orphan child in India, gives money gifts to workers at Christ Home at Paradise, gives to county Farm Women projects and several charities. To finance their projects they have food stands at the flea market at Paradise Memorial Park twice a year, have bake sales, plant sales and pass a goody basket from member to member.

Mr. and Mrs. Denlinger both graduated from Paradise High School. Mr. Denlinger also attended Lancaster Business College.

They have lived in Paradise for 34 years. They built a beautiful new home on the outskirts of Paradise and moved into it the past summer.

Mary, the daughter of Mr. and Mrs. Milton Esbenschade, always lived in the country. She worked out in the fields, helped with harvesting and milked by hand on her father's farm.

Denlingers have three children. Aaron Jr. graduated from Paradise High School and Penn State University. He is married and lives in the Eden area. He has a son and two daughters.

John graduated from Pequea Valley High School and Penn State University. He is married and has two daughters. They live in Smoketown.

Both sons are in the lumber and building material business at Paradise with their father. It is known as "Denlinger Incorporated." They sell all kinds of building material and prefabricate trusses and walls for houses and churches which are sold far and near.

Aaron's father, L. J. Denlinger, bought this business when Aaron was 18 years old but he only lived seven months. Aaron and his mother then became partners and ran the business many years; however, Mrs. Denlinger is not in the business now.

Denlingers have a daughter Nancy who graduated from Pequea Valley High School and attended Elizabethtown College.

She is married to Richard Ferry who is assistant manager of Griffith and Bixler Furniture Store in Knauers. They live in Lincoln Park, a suburb of Reading, and have two sons and a daughter.

Denlingers are members of Calvary Independent Church, Lancaster, where Mrs. Denlinger is serving on the Home Department of the Sunday School. Her duty is to take literature quarterly to people confined to their homes. She is a member and past chairman of the Women's Missionary Prayer Group which meets monthly. She was leader at one time of one of their missionary field groups.

Twice she was registrar for their eight day missionary conference when they entertained nearly 200 missionaries. As such she had to place them in homes of members and friends. She also worked in the pantry and acted as a dining room hostess.

Eighteen months ago this church was host to Independent Fundamental Churches of America. Mrs. Denlinger was registrar and had to find places for visiting ministers to stay.

Mrs. Denlinger is an active member of the Auxiliary of Lancaster School Of The Bible. This auxiliary does things for the student body. They help with a program and take food for a covered dish meal.

Mrs. Denlinger is a member of Christian Women's Club of Lancaster which meets once a month. She served as vice president, an advisor, financial secretary and as publicity chairman for a number of years. She presently serves on a telephone committee, calling people to make reservations for their luncheon meeting each month.

She has been active in the Fresh Air Children's program which is sponsored by the New York Herald Tribune. She is on the Paradise Committee to find vacation homes for these New York children. Denlingers have entertained these children about 18 years. They usually had one each summer. One year they had two. A Chinese girl came there 12 summers and another girl three summers.

Mr. Denlinger is also active in various organizations, particularly religious ones. He is chairman of the Board of



Mrs. Denlinger holds a favorite antique, a cut glass sugar bowl her Grandmother Esbenschade gave her filled with preserves when she was a small girl. She is wearing a

light blue brocaded dress she made. In the background are her coffee spoon collection and part of her china cup and saucer collection.

Trustees of the Lancaster School Of The Bible.

He is chairman of Unevangelized Fields Mission Council. He attends meetings regularly at the United States headquarters in Bala Cynwyd.

He has been very active in Christian Business Men's group of Lancaster. He has served as district chairman of Christian Business Men's Committee International for two three-year terms and consequently has done a lot of traveling.

Aaron taught the Adult Bible Class of his Sunday School one and a half years and served on the church Official Board for four years.

He is president of the Pequea Valley School Authority Board and goes out speaking for them.

Denlingers enjoy music. Both Mr. and Mrs. Denlinger play the piano and all the children played instruments and were in the high school band.

Mrs. Denlinger says, "We like to travel and I've collected little coffee spoons from all the countries we visited." She has 24 spoons. They visited pioneer missionary work in South America, visiting Brazil, Guiana and the Caribbean. They also visited the Holy Land and most of the states in the United States.

Mary says, "I enjoy sewing, cooking, washing and ironing, but not cleaning." She makes a lot of her own clothes and makes a lot of drapes. She made the drapes for their new home and really did a professional job. She crochets. Right now she is crocheting an afghan. Another hobby is collecting cups and saucers. She also has some nice antique dishes and pieces of furniture that came down from the Esbenschades and Denlingers.

When she says, "I love to take care of roses," we can believe it because she had about three dozen roses at their other home in Paradise.

They had a vegetable garden until two years ago. Both of them took care of the garden.

Mrs. Denlinger does a lot of freezing and canning. In fact, they built a cold cellar in their new home to keep her canned goods and vegetables.

Mary is a skillful cook and likes to try new recipes and improve upon them and also is not afraid to experiment with some new concoctions. An example that won for her a carousel rotisserie in a local bake-off and an electric carving knife at Allentown is her:

Sour Cream Peach Tart

2-3 cup sugar
2 tablespoons flour
¼ teaspoon salt
1 cup sour cream
1 tablespoon lemon juice
¼ cup butter
½ teaspoon vanilla
½ teaspoon almond extract
1 egg
2 cups diced peaches
½ cup brown sugar
1-3 cup flour

Pastry for one 9 inch crust

Line pie dish with pastry. Mix sugar, flour, salt, sour cream, lemon juice, extracts and egg. Add the diced peaches, pour mixture into pie crust and sprinkle lightly with cinnamon. Bake in hot oven (400 degrees) for 25 minutes.

Remove from oven and cover evenly within ½ inch of edge with crumbs that have been made by mixing together the brown sugar, 1-3 cup flour and butter. Return to oven and bake 25 to 30 minutes more.

Another of her tasty concoctions is:

Zucchini Supreme

1 medium zucchini squash, diced
1 medium-sized onion, sliced
½ medium-sized green pepper, cut up
2 medium tomatoes, peeled and diced
Salt to taste
Stew vegetables together in small amount of water for 20 to 25 minutes, till soft.

x x x x x

Blueberry Coffee Cake

¾ cup sugar
¼ cup soft butter or shortening
1 egg
½ cup milk
Cream sugar and shortening. Stir in egg and milk. Sift together and stir into above mixture:
2 cups sifted flour
2 teaspoons baking powder
½ teaspoon salt
Blend in 2 cups blueberries
Spread batter in greased 9 inch square pan. Sprinkle with topping made by mixing:
½ cup sugar
1-3 cup flour
½ teaspoon cinnamon
¼ cup soft butter
Bake at 375 degrees for 25 to 35 minutes.

x x x x x

Baked Corn

Stir together:
2 cups grated fresh corn, frozen
grated corn or cream style
canned corn
½ cup flour
1 teaspoon baking powder
1½ teaspoons salt
1 tablespoon sugar
Dash pepper
2 eggs, slightly beaten
2 cups milk
Mix milk with eggs. Then pour into corn mixture. Pour into buttered shallow baking dish. Pour 2 tablespoons melted butter over top. Bake at 325 degrees for 1 hour and 15 minutes.

x x x x x

Pepper and Lima Bean Relish

1 part green lima beans to
2 parts peppers
Use same amount of red as yellow peppers. Cut peppers in 1½ inch squares. Cook vegetables till almost soft.
Syrup:
1 cup vinegar
1 cup water
1 cup sugar
Bring syrup to boil and boil one minute. Drop vegetables in syrup and bring to boil. Jar and seal.



Mrs. Aaron H. Denlinger, Paradise, proudly serves her warm blueberry coffee cake.

Farm Women Societies

Society 23

Farm Women Society 23 elected officers at a meeting at the home of Mrs. Newlin Groff, Lancaster RD2.

Mrs. Howard Martin was elected president and Mrs. Paul Keperling was named vice president. Continuing in office as secretary is Mrs. Ben Shenk and Mrs. Glenn Burkholder as treasurer.

Mrs. Jay Charles led devotions. Mrs. Robert Rohrer, president, was in charge of the business meeting.

Gifts of \$10 were approved for the Needlework Guild and the Christmas Toy Shop. A donation was also made for Christmas treats at the Hamburg State School.

Mrs. Lester Newcomer is in charge of arrangements for a visit to Conestoga View on November 18.

Beginning January 1, the monthly meetings will be held on the third Tuesday of the month. There will be evening meetings only.

The next meeting will be held at the home of Mrs. Paul Funk, Washington Boro RD1.

Society 11

Farm Women Society 11 held a covered dish luncheon meeting recently at the Memorial Methodist Church, Quarryville. Members of Society 19 were guests at the luncheon.

Committee chairmen gave various reports during the business session conducted by Mrs. Esther Musser. Announcement was made that the Farm Women convention will be held November 6 at 10 a.m. at the Farm and Home Center.

Mr. and Mrs. Theodore Matthias presented an illustrated slide-talk on the Passion Play which they observed while in Europe in 1970.

Next meeting of the group will be held at the home of Mrs. Helen Ressler at 1:30 p.m. November 18. Hostesses for the meeting include Mrs. Mary Sinclair, Mrs. Anna Armstrong and Mrs. Clara DeLong.

Society 20

Farm Women Society 20 held their silver anniversary banquet at the Meadow Hills Dining Hall recently.

Following a welcome by toastmistress Mrs. Glenn Ressel, Mrs. Jack Ferguson led the devotions.

Nine charter members were present in addition to the club's present membership.

Five members were honored with gifts for the highest attendance at meetings throughout the 25 years. They were: Mrs. Park Reinhart, Mrs. Silas Rice, Mrs. Marshall Rintz, Mrs. Hayes Hastings and Mrs. Joseph Best.

Mrs. Dorothy Russo presented the program on crafts Mrs. Russo also created the centerpieces which were given as door prizes.

Society 27

Farm Women Society 27 took a bus trip to Harrisburg in place of the regular monthly meeting in October.

Places of interest visited included the Governor's Mansion and the State Capitol. The afternoon was spent shopping at Harrisburg's East Mall.

The next meeting will be a banquet entertaining the husbands at Magic Chef Diner on Saturday, November 20.

Society 28

Farm Women Society 28 met in the home of Mrs. James Bowman, Cherry Hill Road, Ronks, with Mrs. Lloyd Denlinger serving as cohostess. Mrs. Harold Byers was in charge of devotions.

Mrs. Mark Weaver presented "Joy of Drying Flowers" as the program for the Society.

Mrs. William Dean Jr, president, was in charge of the meeting, when a \$10 donation to the United Fund was voted.

The meeting November 18 at the home of Mrs. Ira Welk, Quarryville RD3, will be a work night. Members will make favors for a nursing home, stuff toys and make childrens slippers for the childrens ward in a local hospital.

Ladies, Have You Heard?



By Doris Thomas, Extension Home Economist

Doris Thomas

About Good Economy Meals

Let's hear it for the underdog. In this case, that means rice. Whereas some foods—like sauces—are good over other dishes, rice is one food that works wonders under other dishes. Under chicken, turkey, beef, or pork, a bed of steaming rice is a perfect mate for gravies and herbs.

In November, rice heads the U.S. Department of Agriculture's Plentiful Foods List. This year's rice production is large and slightly above last year's, being estimated at 84 million hundred-weight.

Economical rice is an excellent food buy. To conserve its vitamin

and mineral content, don't wash or rinse rice before or after cooking. And cook it in only just enough water.

As a base for other dishes, rice can easily be dressed up to add new appeal. Before serving, combine the rice with sauteed onions, peas, or—for a touch as colorful as tasty—cranberry sauce (use the wholeberry type).

Besides soaking up gravies so that their wonderful flavors aren't wasted, rice really comes into its own in soups, puddings, salad molds, and side-dishes. Now is the time to be inventive.

Here are some rice storage tips from USDA's Consumer and Marketing Service.

Uncooked Rice keeps well at room temperature when placed in a glass or metal container with a tight fitting lid.

Cooked Rice can be covered and refrigerated for about a week. When reheated the rice is as good as when first prepared.

Reheating: For each cup of cooked rice, add two tablespoons liquid in a covered saucepan and simmer four to five minutes.

Freezing: Rice can be frozen plain or with any foods that will freeze. It keeps well for about six to eight months.

It wouldn't be a bad idea to memorize the following recipe for CHOCOLATE ANGEL PUFF RICE PUDDING—there'll be so many calls for encores:

1-1/2 cups cooked rice
1/2 cup milk
1/4 cup sugar
1/4 teaspoon cinnamon
1/4 teaspoon nutmeg
16 oz. pkg. (1 cup) semi-sweet chocolate morsels (save one tablespoon for decoration)
2 egg yolks
1 cup milk
1/4 teaspoon salt

TO PREPARE: Preheat oven to 325 degrees F. Combine rice, milk, sugar, salt and spices, and bring just to boil over moderate heat, stirring constantly. Remove from heat. Stir in semi-sweet chocolate morsels till melted. Beat in egg yolks, one at a time. Stir in milk. Pour into 1 1/2 quart casserole. Bake at 325 degrees F, 40 minutes. Remove from oven, stir pudding to distribute rice. Prepare meringue.

MERINGUE

2 egg whites

1/4 cup sugar

1 teaspoon vanilla

TO PREPARE: Combine egg whites and vanilla, and beat till stiff but not dry. Gradually beat in sugar till stiff and glossy. Drop by teaspoonfuls around edge of pudding. Sprinkle reserved chocolate morsels over meringue. Bake at 325 degrees F, 15 minutes. Yield 6 servings.

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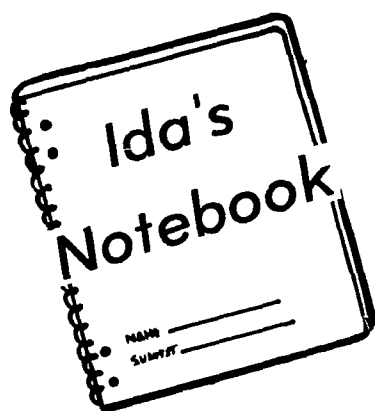
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Ida Risser

November is the time for squirrels and nuts. Again this year, I've picked up black walnuts and painstakingly removed the thick green husks. There are several methods of removing them, but I simply sit down and hammer them off on a block of wood.

Some folks put the walnuts through a hand corn sheller and others throw them in the driveway until they are a black mess. After the hulls are off, they must be carefully dried before the shells are cracked open.

Next comes the tedious job of picking out the nutmeats. Then we wonder why nuts cost so much per pound!

xxx

The birthday celebrations in our family come in spurts. There are four in about six weeks in the Spring and then another four in six weeks in the Fall. So we bake cakes and buy presents in a flurry of activity only to relax then for several months.

Recently we tried to phone our son on his 18th birthday only to learn he was spending the weekend at another college on a judging team.

We hope to keep better track of our eight year old on her birthday. She has a list of 17 things she wants pasted on our refrigerator. I'm afraid she will be slightly disappointed when the day comes. But at least she is optimistic.

xxx

Last week our family took a drive through the neighboring counties to see the Autumn foliage. Our youngest saw her

Farm Women Calendar

Saturday, November 6

10 a.m. — County Convention, Farm and Home Center.

Tuesday, November 9

1 p.m. — Farm Women Society 22, home of Mrs. Ralph Martin, Leola.

Farm Women Society 13, 40th Anniversary celebration Akron Restaurant.

Wednesday, November 10

1:30 p.m. — Farm Women Society 14, Stauffer's of Kissel Hill.

Thursday, November 11

Farm Women Society 9, home of Mrs. Wilbur Heller, Conestoga RD1.

Friday, November 12

Farm Women Society 13, home of Mrs. Robert Bomberger, 217 Hillcrest Road, New Holland.

Saturday, November 13

1:30 p.m. — Farm Women Society 10, home of Mrs. Abram Miller, 1048 W. Roseville Road.

1:30 p.m. — Farm Women Society 19, home of Mrs. Daniel Rohrer Jr, Manheim RD1.

6:30 p.m. — Farm Women Society 12, Millersville Fire Hall.

Farm Women Society 22, 20th Anniversary party, Meadow Hills.

Farm Women Society 25, home of Mrs. Sterling Elmer, Lancaster RD6.

Homemakers Christmas Program Dec. 7

The annual Cooperative Extension Service homemakers Christmas program will be held from 10 a.m. through 7:30 p.m. Tuesday, December 7 at the Farm and Home Center.

The program from 10 a.m. till 12 noon includes craft demonstrations in the auditorium by several Lancaster County women.

Viewing of exhibits of decorations, gifts and foods for the holidays prepared by Farm Women Societies and homemaker groups will be on

was an unusual sight in the almost bare woods.

We even sampled some wild grapes and were inclined to agree with the fox in the fable as they were "sour grapes."

first deer along the road near a woods.

We stopped for a picnic lunch and then walked through State Game Lands and part of the Appalachian Trail. This is a well-marked trail extending hundreds of miles from Maine to Georgia.

We saw witch hazel shrubs with yellow wavy-petaled flowers. It

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display in the extension training center from 10 a.m. till 5 p.m. and from 6:30 p.m. till 9 p.m.

The Christmas boutique will be presented by Mrs. Paul Johnson, Paoli, well known and popular lecturer and crafts woman.

Mrs. Johnson will present the program again at 7:30 p.m. for persons who cannot attend in the afternoon.

A donation of \$1 is being requested to cover expenses. Pre-registration is not necessary.

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Glass fiber repels soil and water and it is this quality that makes these fabrics easy to wash and quick to dry. However, it is advisable to wash glass fabric by hand says Mrs. Helen T. Puskar, extension home furnishings specialist, The Pennsylvania State University. Because large draperies are heavy and cumbersome to wash by hand, she suggests sending them to a commercial laundry equipped to handle draperies.

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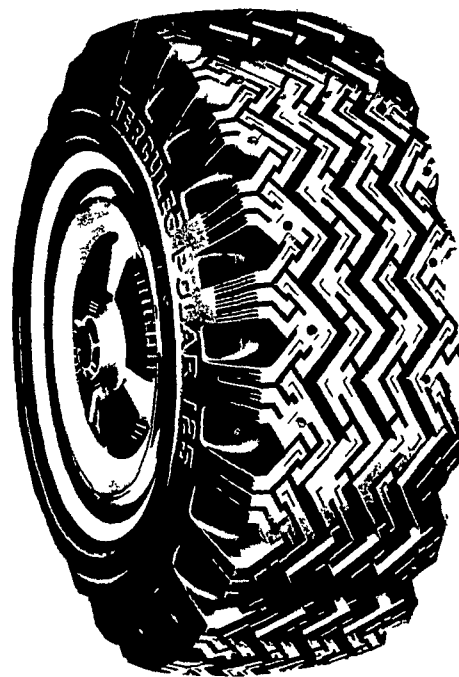
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Public Sale Register

SAT. NOV. 6 - 11:30 A.M. Public Sale of Antiques and Personal Property at 916 Village Road, Lampeter, Pa. along Rte. 741, Lancaster County, Pa. Sale by John O. Neff, Aucts Carl Diller and J. Everett Kreider.

SAT. NOV. 6-1 P.M. Public Sale of Real and Personal Property in

Fennett Township about five miles North of Dry Run and about two miles South of Concord. Sale by undersigned Administrators of the estate of J. Campbell Coons, late of Fennett Township, Franklin County. Zelda H. Coons, Valley Bank and Trust Company, Administrators.

MON. NOV. 8 - 7 P.M. 14th Annual Fall Special Feeder Sale, Feeder and Replacement Cattle at the Woodstock Livestock Market, Inc. on U.S. Route 11, Woodstock, Va.

TUES. NOV. 9 - Clarence B. Stoner Dairy Herd Dispersal on the Stoner Farm located along the road leading from Fredericksburg to Lickdale at Intersection with Interstate Rte. 78, 3 miles N.W. of Fredericksburg, Lebanon County, Pa. Terms by Clarence B. Stoner, H. H. Leid Auction Service, Auctioneers.

WED. NOV. 10- 9 A.M. Paul Z Martin's Farm Equipment Sale to be held at new place of business, 2 miles east of In-

tercourse, at intersection of Route 340 and New Holland Road, 4 miles south of New Holland. Sale by Paul Z Martin, Blue Ball, Pa; Martin Auctioneers and Associates.

THURS. EVE NOV. 11, 7:30 P.M. Holstein Dispersal Sale located 1/2 miles south of Rt 22 on Rt. 645 midway between Frystown and Rt. 22 in upper Berks County, Pa Sale by Melvin S. Zook, owner, Randal Kline, Auctioneer.

FRI. NOV. 12 - 8 P.M. Public Auction of 60 Registered & Top Grade Holstein Dairy Cattle to be held in the dairy barn arena at the Aberdeen Sales Company in Churchville, Harford Co., Md. located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U.S. Rt. 1)

and 6 mi. west of Aberdeen, Md (via U.S. 40 or I-95). Terms by Aberdeen Sales Company, Sale Managers.

FRI. NOV 19- 1 P.M. Auction-Special Feeder Steer Sale - 500 Head Santa Gertrudis Sale will be held at Fair Hill Ranch located on Rt 280 (via I-95). Take exit No 9 to Elkton, Md. to Rt 280 Go 6 mi. north to Fair Hill Ranch From U.S., take Rt 273 at Rising Sun, Go 10 1/2 mi. east on Rt 273 to Fair Hill Ranch Sale by Mrs Helen K. Grove, Owner, Aberdeen Sales Co., Sale Managers

Md. Dairy Breeders Meetings Nov. 10, 16

A dairy cattle breeders institute will be held in Maryland this month

This institute will be held November 10 at St Dennis School, Galena, Kent County

The institute will also be held November 16 at Walkersville Fire House, Frederick County. Speakers will be Dr Dean Plowman, chief of dairy cattle research branch of the agricultural research service, USDA, Dr Ben McDaniel, dairy herd improvement investigations, dairy cattle research branch, Dr Frank N Dickinson, leader, dairy herd improvement investigation, dairy cattle research branch, and Marlin Hoff, successful Carroll County dairyman

The four will discuss breeding concepts, sire proving and selection, and cow evaluation and selection.

The meetings are designed to give practical suggestions which can be put into use by the commercial dairyman or purebred breeder.

AUCTION SPECIAL FEEDER STEER SALE—500 HEAD! SANTA GERTRUDIS

Sale will be held at Fair Hill Ranch located on Rt. 280 (via I-95). Take exit No. 9 to Elkton, Md. to Rt. 280. Go 6 mi. north to Fair Hill Ranch. From U. S. Rt. 1, take Rt. 273 at Rising Sun. Go 10 1/2 mi. east on Rt. 273 to Fair Hill Ranch. (Signs will be posted!) on

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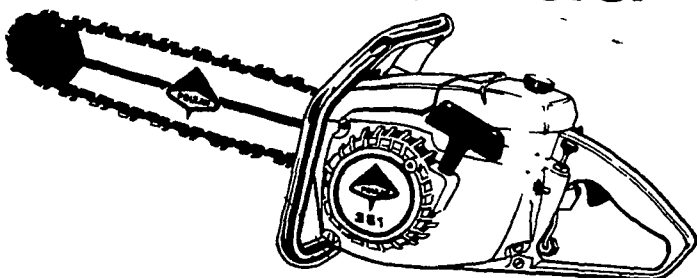
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200 Head Holstein and Crossbred Steers and Heifers.

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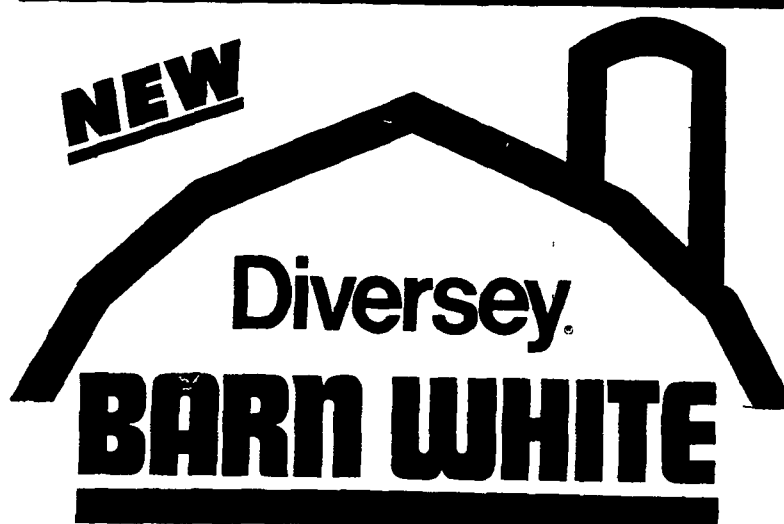
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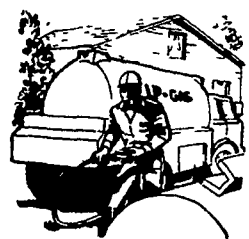
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For Sale - Getzen B Flat trumpet, with case, good condition, \$100 Call after 3:30 Ph 656-6591

For Sale — New Idea Manure Spreader No 17, in good condition, on rubber or steel. Mahlon M Sauder, Leola RD1, ½ mile south of Talmage.

For Rent - Steer barn, 100 head capacity, could also be used for boarding heifers Phone 653-5710

Wanted to Buy - 1 acre or more, 2 mile radius of Ronks. D B Witmer, Phone 393-0494

For Sale - Ready cut good oak tree logs 40' thin end 12 x 14" ea 6c, Farmhand rake \$375 00, Gas cook stove Aaron Zimmerman, East Earl RD1, Pa

For Sale - One apple tree sawed for fireplace wood \$20 00 Phone 464-2640

For Sale - 1100 Anthony pullets, 22 weeks old Nov 2 Fully vaccinated and wormed Will sell all or any amount Phone 898-7075

For Sale - 3 year old saddle bred buggy horse, traffic safe and sound John S Nolt, RD1, New Holland, Pa Phone 354-9370

For Sale - 1964 Dodge Dart, new inspection, new tires, 1 owner Phone 653-5811

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Local Holstein Cows Cited

The Holstein-Friesian Association of America recently cited some local registered Holstein cattle for their outstanding production records

Fultonway Crisscross Regina 6334755 (VG) owned by J. Mowery Frey & Son, Lancaster, has added to her second yearly production record exceeding a half ton of butterfat With her 305-day lactation over 1,000 pounds of butterfat, she continued to milk for a 365-day record of 21,964 pounds of milk and 1,153 pounds of butterfat

"Regina" started her lactation at the age of 5 years 2 months and was milked twice daily. Sired by Gray View Crisscross 1378594 (EX), a bull that has earned Gold Medal Sire recognition, she was bred in the Frey herd.

Cows in the herd of Nathan E. Stoltzfus, Gap, were recognized as follows:

Smyrna View Appollo Lois 5824377, seven-year-old, produced 20,758 pounds of milk and 942 pounds of butterfat in 365 days. Con-Noll Posch Glenda 6624027, a three-year-old, had 19,235 pounds of milk and 751 pounds of butterfat in 365 days F-V-F Sample Kay 6836280, three-year-old, had 18,698 pounds of milk and 841 pounds of butterfat in 365 days. Con-Noll Model Judy 7075990, two-year-old, had 16,209 pounds of milk and 708 pounds of butterfat in 365 days.

The cows made their records under Dairy Herd Improvement Registry rules, a program that incorporates the DHIA records of Registered Holstein cows into the national Association's breed improvement programs.

These new records compare to the average U.S. cow's output of 9,388 pounds of milk.

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For Sale — Two riding saddles, also a large space heater used only a short time, a real bargain; also some good furniture. Ernest Eshleman, ¼ mile north of Route 30 at Leaman Place.

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For Sale — One used Bamford 4½ HP, one water cooled Lister 7½ HP Phone 445-6272

For Sale — One bottled gas heater, 35,000 BTU, 1 small bottled gas heater, 308 Savage deer rifle in real good condition, with leather case Phone 442-4074

For Sale — Four Grade Ewes Phone 593-5593

For Sale — Two army trucks, 2½ ton GMC, all wheel drive, tandem axle, late model, closed cab, condition very good \$775 each firm Phone 609-769-3183

For Sale — Six Holstein heifers, age 9 months to 3 months. Phone 786-7207

For Sale One Esko dumping station with 200 foot glass transfer line Call 786-2544

Mail Box Market

For Sale — Mahogany Livingston piano cut down with mirror on front, Eight Big Dutchman roll-away nests. Phone 626-8257.

For Sale — Eight feeder steers and six heifers, approximately 700 to 800 pounds each. Maneff Richardson, Delta, Pa., Phone 717-456-5160.

For Sale — Guineas, alive or dressed. Phone 665-3431.

For Sale — One pair of Fischer skis with bindings and poles; one pair size 8 buckle boots. Phone 786-3591

For Sale — Two Holstein bulls, home raised, service age, \$225 each Phone 464-3230.

For Sale — AKC Registered male St Bernard, ready for stud service, good markings, loves children, \$50 Phone 367-3814

For Sale — 650 Anthony pullets 24 weeks old, laying 20 per cent; 21-10 hole Big Dutchman roll away nests, John Deere No 4 corn sheller, all priced to sell Call 733-8759.

For Sale - Two 4 year old standard bred driving horses (carriage and buggy) traffic safe. Phone 656-9550

Mail Box Market

For Sale — Perfection Oil space heater Model H 815, in good condition, with stove pipe and oil drums; priced to sell. Call 626-6353.

For Sale — Shaver yearlings, laying 12 months, healthy flock; also Shenandoah water fountains, 6 foot long chicken nests. Phone 665-2962.

For Sale — One registered heifer due in December, four grade heifers due from December to April Phone 684-8690.

Mail Box Market

For Sale — Two 12' x 24' slatted floor shelters suitable for hogs; free, two 8 x 10 poultry shelters. 464-3919.

Heifers Boarded, feed my silage and hay, along Peters Road near White Horse. Elmer L. Esh, Kinzer RD1.

For Sale — Ford Jubilee tractor; used 10 foot silo roof. Phone 215-777-0052.

For Sale — 175 Black Walnut trees, 3½ foot, \$1.00 each. 872-8372.



SPECIAL

SALE!

FRIDAY NIGHT, NOV. 12

7:00 P.M.

600 HEAD 600

Charolais, Angus and Hereford calves and yearling steers and heifers. No paint marks or hip tags on any of these cattle. All cattle weighed on sale day. Beef breeds only - Sorted in uniform lots.

For further information, contact:

J. FRANCIS TINSMAN

LEESBURG LIVESTOCK MARKET

Leesburg, Va.

Phone (703) 777-1411

Phone (703) 777-3521

Plan now to attend this sale, as quality pays in many ways.

CLARENCE B. STONER

DAIRY HERD DISPERSAL

Tuesday, Nov. 9, 1971

on the Stoner Farm located along the road leading from Fredericksburg to Lickdale at Intersection with Interstate Route 78, 3 miles N.W. of Fredericksburg, Lebanon County, Pa.

95 Head of Holstein Grade and Purebred milk cows, 75 of which are in high state of production, 20 are close springers, 10 head of bred heifers due in Nov. and Dec.

Roman Dividend Performer head Sire with dams record as a 6 year old of 16,925 of milk with 4.2 per cent test and 720 lb. of fat. in 361 days. 60 per cent of this herd are first and second calf heifers with Lassie Leader, Double T.N. Arab, Whirlhill Kingpin and Astronaut daughters selling. 6 service age bulls Sired by Penstate Starman.

Auct. Note: This herd is well uddered and lots of milk. If in need of milk cows, it will be worth you time to check this herd. Reason for selling is lack of help. Lunch stand. Sale at 11:30 A.M.

Terms by

CLARENCE B. STONER

H.H. Leid Auction Service

Leid and Bachman Auctioneers

Art Kunkle, Pedigrees and milk records.

Public Auction

60 REGISTERED & TOP GRADE HOLSTEIN DAIRY CATTLE

Sale to be held in the dairy barn arena at the Aberdeen Sales Company in Churchville, Harford Co., Md., located on Md. Rt 22, 6 mi. east of Bel Air, Md., (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md., (via U.S. 40 or I-95), on

FRIDAY, NOVEMBER 12, 1971

8 P.M. EST

This sale features 30 head of Canadian cows and heifers; most of which are fresh or close springing. A local farmer will sell 20 head of springing heifers due to freshen in the next few weeks. Other consignments will also be sold. This is a top group of cattle. Plan to attend this sale.

All cows are T.B. Accredited, Certified Bangs Free and tested within 30 days of sale. Freshening dates, breeding and due dates, and milk weights will be available.

TERMS: CASH

ABERDEEN SALES COMPANY
Sale Managers

Phone: 301-734-6050

Night: 301-734-7105
734-7978

PRIVATE SALES DAILY!

SPECIAL SALE

FEEDER CATTLE AND CALVES

FRIDAY, NOVEMBER THE 12th

AT 1:30 P.M.

BLUE RIDGE LIVESTOCK SALES, INC.

CHARLES TOWN, W. Va.

BILLY F. OWENS, Mgr.

HOLSTEIN DISPERSAL SALE

Thursday Eve.,
November 11, 1971
7:30 P.M.



Sale located ½ mile south of Rt. 22 on Rt. 645 midway between Frystown and Rt. 22 in upper Berks County, Pennsylvania.

54 TOP HOLSTEIN COWS

This high-producing Berks County herd consists of holstein dairy cows in all stages of lactation. By sale date there will be approximately 16 cows fresh; 21 cows dry and springing up; 2 bred heifers; and balance of cows milking and bred back. Many fall cows emphasizing type and ability to withstand heavy production will be available to be purchased at this Public Auction.

All cows T.B. and Bang's tested. Also examined for pregnancy. Health charts night of the sale.

Also to be sold are 4 good Surge units, Stainless Steel buckets, and strainers.

SALE TO BE HELD IN BUILDING

Randal Kline, Auctioneer
626-4975

Bucher and Kline, Clerks

Melvin S. Zook,
Owner

Mail Box Market

For Sale — Surge milker pump, SP22. Phone 215-932-8499.

Register for many VALUABLE PRIZES

For drawing Saturday,
Nov. 13 4:30 p.m. Winners
will be notified.



Jake Ebersole CAPTAINS CHAIR

25
Pa. Grown TURKEYS

25 cartons Bryer's
ICE CREAM

Department Store

Dinnerware in Full Set or
Open Stock Pieces. Choice of
37 Patterns.

Farm & Home Hardware

OIL SPACE HEATERS and LP
Gas Heaters.
Let us discuss your
requirements.

BOTTLED GAS

Tank Truck Delivery of Gulf
Home Heating Oils — Kerosene,
Diesel Oil, Engine Gasoline,
Gaslite Naphtha

W. L. Zimmerman & Sons

Dial 717-768-8291

INTERCOURSE, PA.

Mail Box Market

For Sale — Bright rye straw, no
rain. Phone 284-4598.

For Sale — Seven month old boar
hog. Steve F. Stoltzfus,
Quarryville RD3.

Notice — We are now ready to
serve you in business, farm,
wedding and family pictures. We
also do brochures, catalogues,
etc. Everett Newswanger,
photographer. Phone 394-4219.

Beagle pups, AKC International
Field Champion sired by
Canadian dog of 1969, \$50. Also
registered Shropshire sheep.
Phone 215-593-5726.

Miscellaneous

COUNTRY RECORDS - and
Tape Cartridges-Fiddle Tunes-
Blue Grass-Etc Free Circular.
Uncle Jim O'Neal, Box A-LAF,
Arcadia, Calif. 91006

"WILD GAME COOKBOOK"
NO HUNTER FAMILY should be
without this new, second edition
of the Remington "Wild Game
Cookbook." 174 pages of tested
recipes plus these big extras . . .
smoking game, dressing game,
shipping game, sauces, stuffings,
taste tips and sour-dough breads.
For your copy send \$2.95 to Cook-
book, Dept. PS-11, P. O. Box 731,
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WOOD SHAVINGS. Ideal for
work-ways and bedding. \$12 per
ton. Can be delivered in bulk
loads of 10-12 tons. Less ex-
pensive than straw or tanbark.
Contact Bob Geist at Leola
Supply Co. Inc. Ph. 717-656-6811.

For Sale — Dry wood shavings.
Store now for winter use.
Len Lyn Farms
Stevens RD1
267-6726

Livestock For Sale

Appaloosa Filly - 18 months old,
14 hands, has halter on, sound,
unbroken, train to your own
liking. \$75.00. Vaughn Moore, RD
1 Cochranville, Pa. 19330, Ph. 215-
932-9535.

Reg. Duroc and Yorkshire Boars.
Open and bred Gilts for sale at all
times. Popular bloodlines. Will
deliver quantity lots. Duroc and
Yorkshire Cross Gilts at times.
Calvin H. Lazarus & Sons, 4290
Bridge St., Whitehall Pa., Lehigh
Co. 18052. Phone 215-799-3375.

Hampshire and Yorkshire Ser-
vice Age Boars. Also open
Gilts. Contact John Strawbridge,
Stewartstown, Pa. 17363, Phone
301-996-2022

Wants To Buy

A most unusual and exciting
show Nov. 18, 19 - 1 P.M. - 10
P.M. Nov. 20 - 10 A.M. - 5 P.M. 7
big divisions featured at the
Eastern Collectors Ex-
travaganza - Guns, Antiques,
Toys, Models, Coins, Stamps,
Bottles, Stereo, Crafts. Penn-
sylvania State Farm Show
Building, Harrisburg, Penna.

Dairy Equipment

For Sale: Bulk Milk Tanks, 1000
gallon Esco, also others. Donald
Upperman Rt. 3 Chambersburg,
Pa. 17201, Phone 717-264-6007

225 gallon Girton.
400 gallon Girton round vacuum
tank.
300 gallon Girton Tank MCD-1-
Approved with Compressor.
300 gallon ESCO Tank with
Compressor.

CLARK ELECTRIC
RD1, Kinzers, Pa.
Ph: Intercourse 768-8228

Lancaster Farming, Saturday, November 6, 1971—25

Livestock For Sale

SHEEP — Finnish — Landrace
— Registered Suffolk cross. Born
May '71. Ewe lambs \$50. Ram
lambs \$75. William L. Allan,
Westtown, Pa. 19395 Phone: 215-
399-0258

For Sale - Yorkshire Feeder Pigs.
Phone 1-215-286-9682.

Livestock For Sale — Registered
Yorkshire or Duroc Service Age
boars. 6 bred Gilts (Yorkshire)
due in December. Open Gilts in
quantity. Will deliver.

Leon L. Arnold
1245 E. Cumberland St.
Lebanon, Pa. 17042
Ph. 717-273-5880

Real Estate

Wants To Rent — Small Farm
house or house in Country. Call
after 4 p.m. 299-0102 or 393-0019.

FARM FOR SALE PRICE REDUCED

43 stall dairy farm on 150 acres
with stream, gently rolling land,
loam soil, free of stones, in
Drumore Twp. 4 miles South of
the Buck. Modern 4 bedroom
brick ranch home, large cow
barn big heifer barn, 19'x40' corn
barn, 16'x50' concrete silo and
silo unloader, 500 gal. bulk tank
milker, much more. Buildings
are in an excellent state of repair
as this is one of the nicer farms in
this part of the county. Owner
will finance, 25 percent down
from responsible buyer.

See it by Calling
ROBERT E. PLANK
Real Estate
393-1384
552 W. King St
Lancaster, Penna.

Livestock For Sale

BEEF CATTLE — Limousin
hybrid bull calf, son of Decor
from excellent polled Hereford
cow \$350. William L. Allan,
Westtown, Pa. 19395 Phone 215-
399-0258.

SPF origin Hybrids bred to meet
demand of commercial producer.
Excellent litter size and growth
rate. Final cross is four-way
cross which adds vigor and car-
cass quality Jet Age Swine
Breeders, Inc., Nicholas Kohut,
Manager 717-768-8378.

Real Estate

LIMESTONE AREA — 234
acres, 150 meadow, 68 cow
barn, silos, bulk milk,
machine shed, 5 bedroom
house, 2 bedroom apartment
over garage, stocked \$111,000,
bare \$67,000 Adjoining farm
available for \$55,000

We specialize in New York
State Farms.

M. F. DAVIS, BROKER

Box 117
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Ph. 607-988-7993

LANCASTER SILOS

Starline Labor Savers
Feed Lot Planning

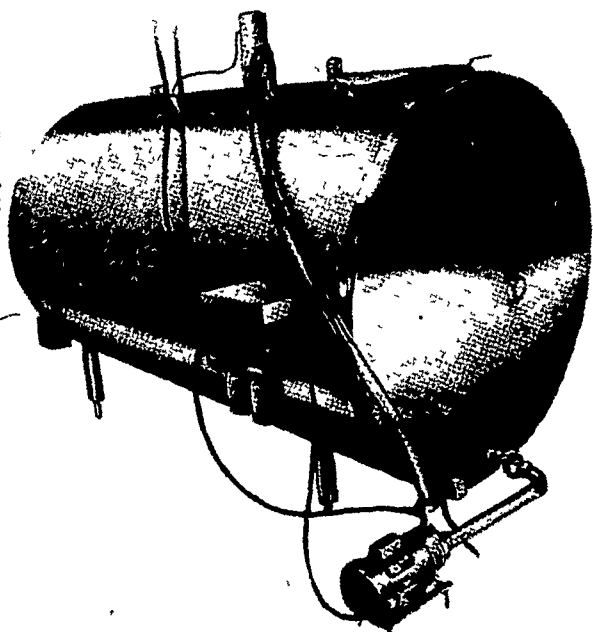
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J. SAMUEL SHERER
Mt. Joy R2
Phone 717-653-5207
or 717-653-5208

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BULK MILK COOLING TANK

MODEL SC - CYLINDRICAL STAINLESS
STEEL



Sizes from 500 to 1250 Gallon

Check our Prices.

CALL Bob or Les

On New, Used & Rental Tractors & Equipment

Used Ford Tractor 4000.
Used Massey 65 Diesel with Multi-power.
Used IH 200 Tractor with Cultivator and Loader.
New Model Tractors Have Arrived
Used 3 pt. Hitch 6 Ft. Scraper Blade
New 10 Ft. Wheel Controlled Disc Harrow. \$985.
Used 656 Diesel Tractor
Used 856 Diesel Tractor
Used Single Row Corn Head For International 55
or 550 Forage Harvester.
1 P.R. Picker
McCurdy Grain Bins
Selling At old Price While They Last
John Bean Sprayers

PARTS DEPARTMENT

CALL Dick Bomberger

CALL US! IT COULD BE WE HAVE IT.

SPECIAL
While They Last - ALL Sizes
Aluminum Shovels

10% OFF

Premium Anti-FREEZE

Now \$1.69 Gal.

NOVEMBER SPECIAL

20% OFF

ON STORAGE Batteries - Plus your
old Battery.

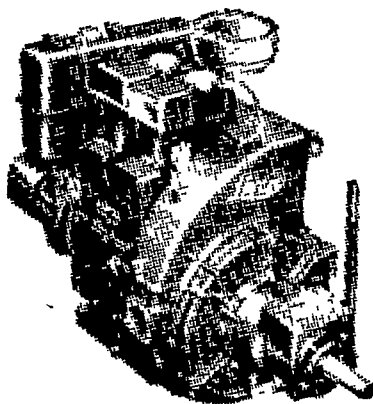
CALL Henry Esh

For Sales — Service — Parts

- + Used 7½ H.P. Slow Speed Lister
Engine Like New Special Price
- + New 7½ H.P. Slow Speed
- + 22½ H.P. PJ2 Petter Engine
- + New Quincy Air Compressors
- + New Listers with Lima Generators
- + 1-4½ H.P. Bamford Diesel Engine
- + Ask us about our new Automatic Control For
Starter and Low Oil Protection.

We Have
Some Very
Good Buys
On Used
Diesel
Engines.

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DISTRIBUTOR
FOR LISTER
DIESEL
ENGINES



CALL Elmer Beiler

CHECK OUR FALL PRICES
ON ALL MOWERS.

CALL Leroy Zook

FOR DEMONSTRATOR
WEAVERLINE FEED CART
AND LANCASTER SILOS
RYDER BARN EQUIPMENT

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

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Intercourse, Penn.

Phone 768-8231

YEAR END CLEARANCE

NEW & USED:

Deere - 1520 Gas, 2020 Diesel tractors; 34 manure spreader, 400 grinder mixer; AT40 cultivator, 125 chuckwagon, 5, 6 & 7½ foot gyramors, Brady - B144 4-row flail shredder, 80TC 2-row flail shredder; Brillion - 14 and 18 foot wheel carry spring tooth harrows; Parker 250 bushel gravity boxes; Speedy 1200 bushel corn crib. USED - John Deere - 4020D, 4010D, 3020D, 2010G, 40; A-C-WD; Oliver 70, 77; New Idea 175 bus. single beater manure spreader; 5 & 7½ ft. rotary mowers; JD 16A flail chopper, plows, disc harrows, rotary hoes

Miller's Sales & Service, Inc.

Brady, Lely
York County's
Progressive Dealer
Highway 851
Stewartstown, Pa.
Phone 717-993-2470

Help Wanted

Young married man for work on dairy farm, start April 1st. Give references. Write Box 266 L, c-o Lancaster Farming, Lititz, Pa. 17543

Experienced man for general farm work. House and extra privileges. Start April 1, Quarryville area. Phone 786-2839

Try A Classified —

**SELL ★
YOUR
BUTCHER
HOGS
DIRECT
TO**



ARMOUR CO.

READING, PA.
We will be glad to look at your hogs & bid you
CALL AL SHAFFER AT
(215) 376-2941
Evenings (215) 779-3847

Farm Equipment

Pickles Silos and Badger Feeding Equipment.
Speedy Corn Crib.
GRUMELLI FARM SERVICE
Quarryville Ph. 786-3630

Help Wanted

"HOMEWORKERS WANTED (envelope addressers) Rush stamped, self-addressed envelope to: D.D. Homeworkers Agency, Box 32, Beattyville, Kentucky 41311.

SEMI DRIVER TRAINING
We are currently offering preparatory tractor trailer training. You can earn high wages, if you are willing to prepare yourself to drive to a better future. For application and interview, call 717-342-7644, or write United Systems Truck Driver School, Inc., c-o Herold Bldg., 215 Hickory Street, Scranton, Pennsylvania, 18505. Approved for Veteran Benefits. Our resident training originates in Indiana.

AEROBIC BACTERIAL

Seed-Stock

Helps control
ODORS-FLIES-DISEASES
Organically in
chicken houses, hog pens, barns
and kennels.

Also
Helps keep cesspools and drain
fields open.

JONATHAN S. ESH

Box 230
Christiana, Pa. 17509

Help Wanted

Help Wanted

FERTILIZER SALESMAN

With Farm background to cover Southern Lancaster County with fertilizer, herbicides and seeds. Salary negotiable. Experience Preferred.

Write Box 266H
c-o Lancaster Farming Newspaper
Lititz, Penna. 17543



INSTRUCTION

WANTED IMMEDIATELY



EARN HIGH WAGES

Become a TRACTOR TRAILER DRIVER or HEAVY EQUIPMENT OPERATOR.

APPROVED FOR VETERANS BENEFITS

TRAIN FULL OR PART-TIME. USE VARIOUS TYPES EQUIPMENT. JOB GUIDANCE. CORRESPONDANCE AND RESIDENCE.

For Information Call
YORK 845-1620

or send Name, Address and Phone No.
TO-AMERICAN TRAINING SERVICE
P. O. BOX 3233

YORK, PA.

Home Office Call Cherry Hill, N. J.

FARMS - OPPORTUNITIES

For young men who want to own their own farm but cannot find a farm, locally, with adequate facilities which they can finance, there are excellent opportunities in central and northern Pennsylvania. If YOU need a good farm at a moderate price call a Kingsway Realty salesman for an appointment to make a pictorial tour of available properties.

SOME SAMPLES

Tioga County: 276 acres, 200 tillable, 70 woodland, 50 dairy stalls; barn cleaner, Milk transfer system bulk tank; full line of equipment, 3 A C Tractors, New N H Baler, New N H Rake, Portable Feed Grinder; 54 Holstein Cattle, DHIA records; 200 tons of Hay, 28 acres of Ear Corn, 5000 bushels of Oats. Immediate Possession, an excellent opportunity at \$100,000.

Dauphin County: 97 acres Dairy Farm, 28 stanchions, 3 unit Surge Milker, 400 gal. Milk Keeper Bulk Tank Nice remodeled house, very productive land. Priced at \$65,000

IF YOU ARE CONSIDERING SELLING YOUR FARM CALL ONE OF THE FARM BOYS AT KINGSWAY. THEY HAVE BUYERS.

On the New York border: 319 acres, 200 tillable, 50 pasture, 70 woodland, land lays beautifully; two barns, one with 35 dairy stalls, barn cleaner, both need repair. A very nice brick home, 10 rooms, 2 baths, new oil fired hot water heating system. Adjacent farm of 253 acres available. Could own 572 acres for less than \$80,000. 319 acres farm priced at \$55,000.

In Potter County: 292 acres, 120 tillable, 70 meadow, 100 woodland, 54 stanchions, Barn Cleaner; milk transfer system, 545 gal. Bulk Tank, 14 x 45 Silo with unloader, 3 bedroom Ranch Home, stove, refrigerator and dishwasher included in sale. A very productive farm priced at \$72,000.

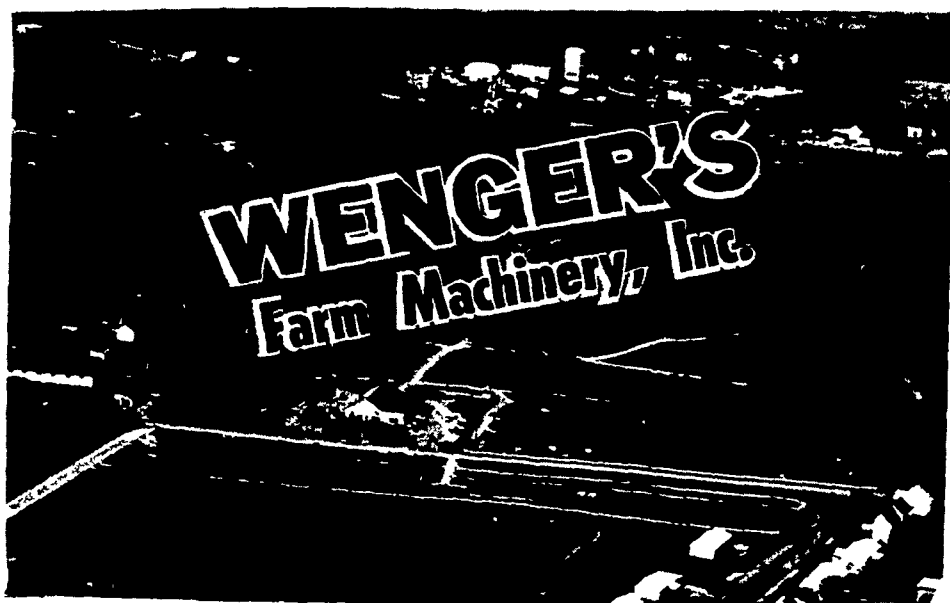
These are a few samples. Call a Kingsway salesman for a Pictorial preview of farms available and a personal tour of the farms you select.



149 EAST KING ST. LANCASTER
PHONE 299-0791

Sam Balsbaugh	653 5311	Bill Landis	392 7196
Ralph Gable	367 7450	Chris Lantz	656 6666
Bob Hess	687 7368	Clarence Lyons	569 9675
Raymond Landis	394 6952	Lloyd Rohrer	626 6721

John Wolgemuth 367 3825



So. Race St, Myerstown, Pa.

Ph. 717-866-2138

SPECIAL OF THE MONTH

NEW SNOWMOBILES \$795.00

Six New Idea Super Mtd. Pickers w-8 roll bed; 12 roll bed, sheller, grinder or trailing bed. Six New Idea 325 2row pull-type narrow, wide row, 8 and 12 roll beds or sheller. New Idea No. 310-300-10-7. John Deere 226 and 227. International 234, 2MHD, 2MH. Oliver 2 row mtd. w-12 roll bed, and Oliver 2 row pull type. Allis Chalmers 170 and 190 Case 420. Ford 1 and 2 row mtd. Massey Ferguson 2 row mtd. for 65 or 85 M.M. 2 row pull type. New Idea 701 uni w-3row head and picker, and sheller or combine.

Gravity Bins \$210.00. 6ton wagon \$175.00. Model 1600 corncribs \$435.00. New Holland elevator, 24' and 30', Int. 105 w-sheller, J.D. 45 w-sheller and M.F. 72-82 w-sheller.

Michigan 4 wheel drive pay loader w-YMC diesel. Int. TD 340 crawler loader w-sheller and M.F. 204 forklift w-reverse and 21' lift. J.D. 40 dozer, 3 pt. backhoe, 350 Int. Backhoe and loader. Ford Jubilee forklift, Sherman 800 Ford backhoe and loader. Ford Jubilee backhoe and loader. 3 pt. scraper blades \$95.00

Farmall 806 w-cab tractor, 706, 660-650-544-460-550-400-544 utility-240-Super C-Cub-Cub Cadet-350. John Deere 4525 w-cab 4020-4010-2010-2510-435-630-70-60-50-G-A-B. Oliver 1950T-1850-1650-Oliver Super 88-88-77-. Allis Chalmers D21-D19-D17-D15-160-WD45. Case 900-830-530. Massey Ferguson 130-65-30-44. Ford 601-641-901-4000-5000-860, Brown 990 MMM5, M670.

Starline tank spreaders, new and used (special J.D. portable batch dryer) M.M. Cornsheller, J.D. Cornsheller.

Large selection of used parts for late model tractors and equipment. If you are in need of any equipment not listed, please phone us, it is possible we may have it.

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Words	(1) Issue	(3) Issues
14 or Less	\$1.00	\$2.40
15	1.05	2.52
16	1.12	2.69
17	1.19	2.86
18	1.26	3.03
19	1.33	3.20
20	1.40	3.36

Call 394-3047 or 626-2191 to place your classified ad.

KEYED ADS (Ads with answer coming to a Box Number, % Lancaster Farming): 50c additional.

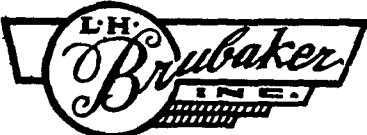
Ads running 3 or more consecutive times with no change billed at 20% discount with \$1.00 minimum.

Deadline: Thursday of each week's publication.

Lancaster Farming
P. O. Box 266
Lititz, Pa.

Farm Equipment

Corn Drag Elevator
JD Flail Chopper
NH 717 & IHC Forage Harvesters
One Forage Box left
PTO & Traction Spreaders
Gleaner E Combine w-2R Corn Hd.
Farmhand Grinder-Mixer
We are taking Baler Twine orders for next year.



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Ph. Lanc. 397-5179

MANURE PITS

36 ft., 48 ft. & 60 ft. Diameter
12 ft. Dip circular precast
concrete with Gunite coated
interior.

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Farm Equipment

FALL SPECIALS

Starline cast iron water bowls
\$10.00

K-8 wheelbarrow
(unassembled) \$34.00

Fencing 5 percent off

Manure Spreader Webs &
Parts 5 percent off

ANTI-FREEZE **\$1.69 gal.**

We stock a supply of - Rubber
Footware - Dairy Supplies -
Medicines - Tools

BIRD-IN-HAND FARM SUPPLY

200 Maple Ave.
Bird-In-Hand, Pa.

For Rent - Cement Finisher -
\$13.00 per day. Sander - \$15.00
per day.

Howard Groff Co.
111 E. 8th St.
Quarryville, Pa. 17566

Used Model 4000
Ford Tractor
FARMERSVILLE EQUIP. INC.
Ephrata RD2, Pa. 717-354-4271

Corn Pickers, 1 & 2 row and self
propelled; corn cribs, grain boxes,
harvesters, elevators, forage
wagons, blowers, choppers, grain
Drills, grinder mixers, disc har-
rows, plows, wheel rakes, 3 pt.
blades, PTO corn shellers, liquid
manure spreaders and PTO
spreaders, crawler tractors w/
loaders and blades; wheel
tractors with loaders, tractors
with loaders and backhoes and
trenchers.

CLYDE E. KEENER
Intersection of Rt. 72 and 283
1531 Manheim Pike
Lancaster
Phone 717-569-9861.

Robert K. Rohrer

**Bulldozing - Grading
Patz Sales & Service**

Barn Cleaners - Silo
Unloaders - Cattle Feeders

Quarryville, R. D. 1
Hensel 548-2559

Farm Equipment

Farmall 460 Tractor,
Used tank Spreaders
COPE & WEAVER CO.
New Providence 786-7351

Pickup Camper Caps.
1967 Model T6 International
Crawler
44" Barn Fan for Corn or Hay.
New Idea Flail Spreader w-hyd.
Tail Gate.

ELWOOD FLOWERS
Manheim RD2, Pa.
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John Deere 730 Diesel Tractor.
Used Brady Stalk Choppers
Massey Ferguson 175 Diesel
Tractor, (Used)
Gravity Boxes
Farmhand Hay Rake

M. M. WEAVER & SONS
Massey-Ferguson
Sales & Service

Leola, Pa. 717-656-7702

For Sale - 275 gallon oil tank
\$25.00. Large room oil heater \$30.
Large floor oil furnace \$40. S.G.
Darlington, RD2, Lititz, Phone
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PARTS BY THE THOUSANDS:

Dismantling Cat D2 thru D8; 933,
955,977; HD5 thru HD21 Int. TD6
thru TD25; Oliver Cletrac, JD,
Case, transmissions, final drives,
winches. Engines, power units.
Good used crawlers, loaders,
backhoes. New & used tracks,
rollers, idlers, sprockets, up to 30
per cent off on new bottoms. "If
Not Listed Ask For It" Wanted:
Used equip. parts. Ben Lombardo
Equip. Co., R.D. 6, Sink Sprg.
MN, Rdg., Pa. Ph: 215-678-1941,
944-7171.

3 pt. hookup rear Blades
\$95.00 and up
Snow Plows for most make
tractors.

ALLEN H. MATZ, INC.
New Holland, Pa. 354-2214

Used Equipment
IH 35 P.T.O. Manure Spreader.
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